

Converting Colors

XYZ(84.1217, 89.0130, 97.5429)

Have a look what the booklet for
XYZ(84.1217, 89.0130, 97.5429)
contains.

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Color

**XYZ(84.1634, 89.0975,
97.5557)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F3F3
RGB	240, 243, 243
RGB Percent	94%, 95%, 95%
CMY	0.0588, 0.0470, 0.0471
CMYK	0.01, 0.00, 0.00, 0.05
HSL	180°, 11%, 95%
HSV	180°, 1%, 95%
XYZ	84.1634, 89.0975, 97.5557
YIQ	242.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

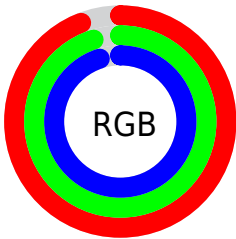
Format	Color
R_{YB}	240, 242, 243
Decimal	15791091
CIE Lab	95.62, -0.99, -0.36
CIE LCh	96, 1.052, 199.944
Yxy	89.0975, 0.3108, 0.3290
Android (android.graphics.Color)	4293981171 (0xFF0F3F3)
YUV	242.1030, 0.4422, -1.8443
Hunter-Lab	94.3915, -6.0270, 4.7965

Details

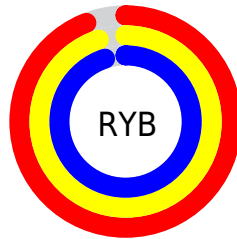
The XYZ color **84.1634, 89.0975, 97.5557** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.8537, 87.6684, 94.9445**, and the grayscale version is **84.4794, 88.8789, 96.7891**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5071, 49.3189, 54.0820** is the 20% darker color. If you saturate the color by 10%, you get **76.4560, 85.1273, 97.1713**, and if you desaturate by 10%, it is **89.4751, 91.8377, 97.8316**.

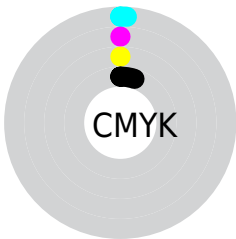
Distribution



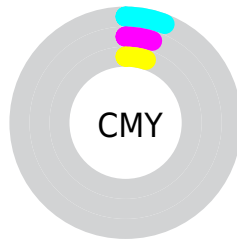
- Red (94%)
- Green (95%)
- Blue (95%)



- Red (94%)
- Yellow (95%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1634, 89.0975, 97.5557 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 84.1634, 89.0975, 97.5557 by changing the saturation by 10% instead.

84.1634, 89.0975,
97.5557

84.1634, 89.0975,
97.5557

497.3812,
525.0907, 573.5068

63.4705, 67.2324,
73.6553

138.1238,
146.0841, 159.8165

46.4820, 49.2735,
54.0169

172.1220,
181.9744, 199.0141

32.8326, 34.8365,
38.2219

211.2861,
223.3086, 244.1477

22.1569, 23.5369,
25.8518

255.9813,
270.4709, 295.6360

14.0894, 14.9905,
16.4880

306.5731,
323.8459, 353.8976

8.2650, 8.8127,
9.7121

363.4267,

4.3182, 4.6192,

383.8180, 419.3509

5.1054

426.9077,
450.7714, 492.4144

■ 1.8837, 2.0256,
2.2494

■ 0.5673, 0.6223,
0.7027

■ 84.1634, 89.0975,
97.5557

■ 84.1634, 89.0975,
97.5557

■ 76.4560, 85.1273,
97.1713

■ 89.4751, 91.8377,
97.8316

■ 69.8072, 81.7002,
96.8347

■ 89.4800, 91.8397,
97.8574

■ 64.1730, 78.7963,
96.5455

■ 89.4849, 91.8417,
97.8831

■ 59.5037, 76.3897,
96.3015

■ 89.4898, 91.8436,
97.9089

■ 55.7449, 74.4526,
96.1001

■ 89.4947, 91.8456,
97.9346

■ 52.8374, 72.9542,
95.9385

■ 89.4996, 91.8475,
97.9604

■ 50.7144, 71.8604,
95.8137

■ 89.5045, 91.8495,
97.9862

■ 49.2998, 71.1317,
95.7220

■ 89.5094, 91.8514,
98.0119

■ 48.5019, 70.7209,
95.6592

■ 89.5143, 91.8534,
98.0377

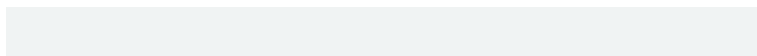
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1387, 89.0975, 96.7345



84.1634, 89.0975, 97.5557



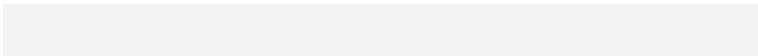
84.3275, 89.0975, 98.2348

Triad

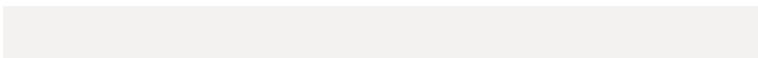
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1634, 89.0975, 97.5557



85.1104, 89.0975, 98.0394



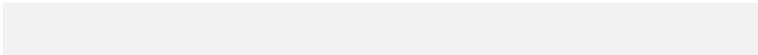
84.7815, 89.0975, 95.4540

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



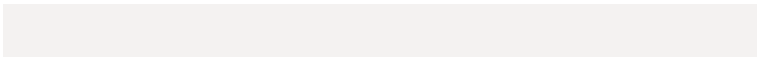
84.1634, 89.0975, 97.5557



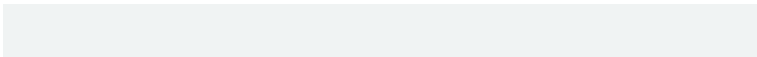
83.8537, 87.6684, 94.9445

Split Complementary

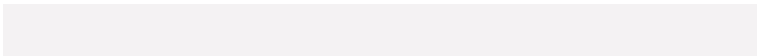
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0425, 89.0975, 95.7994



84.1634, 89.0975, 97.5557



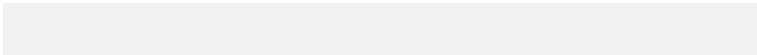
85.2326, 89.0975, 97.2901

Square

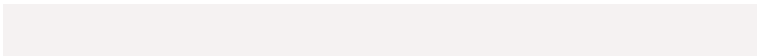
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1634, 89.0975, 97.5557



84.8741, 89.0975, 98.5152



85.2077, 89.0975, 96.4704



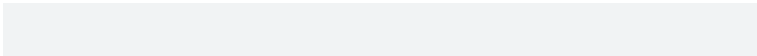
84.4952, 89.0975, 95.5242

Rectangle

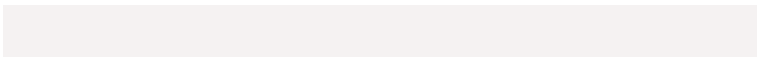
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



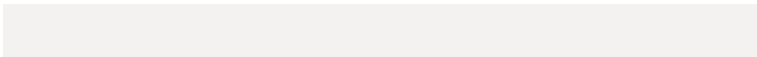
84.1634, 89.0975, 97.5557



84.4941, 89.0975, 98.5141



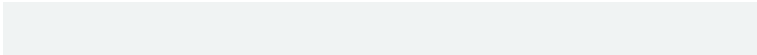
85.2077, 89.0975, 96.4704



84.8751, 89.0975, 95.5253

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.1659, 89.1013, 97.5576

95.0500, 100.0000, 108.9000



83.7334, 88.9303, 95.1913



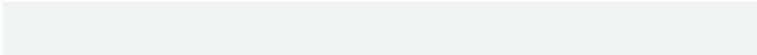
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

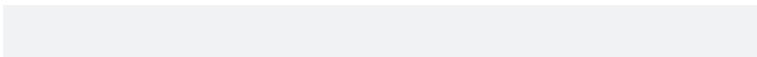
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1659, 89.1013, 97.5576



94.1175, 99.5193, 108.8535



83.7337, 88.2358, 97.4165



18.4562, 19.5102, 21.3351



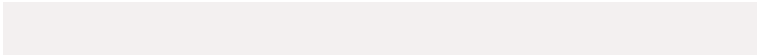
26.4430, 38.7221, 52.4803



2.3244, 3.4034, 4.6141

Inverse Universe

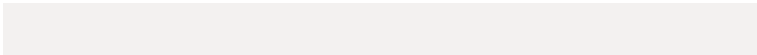
The Inverse Universe completely reimagines the original color for something new.



83.8537, 87.6684, 94.9445



93.8345, 98.2208, 106.4855



84.2823, 88.5265, 95.0844



18.4037, 19.2692, 20.8957



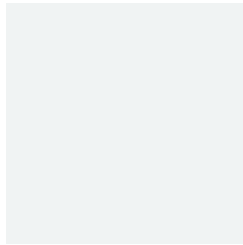
20.2875, 10.4584, 0.9565



1.7834, 0.9193, 0.0857

Previews

White Background



This preview shows how the XYZ color 84.1634, 89.0975, 97.5557 looks on a white background.

Color Contrast Check

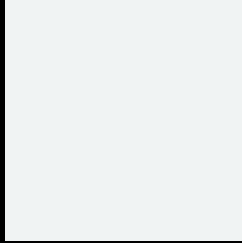
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 84.1634, 89.0975, 97.5557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

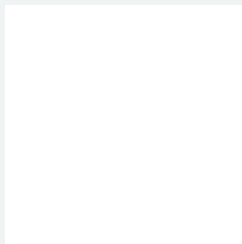
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1634, 89.0975, 97.5557

Background



This preview shows how black text looks on a background with the XYZ color 84.1634, 89.0975, 97.5557.



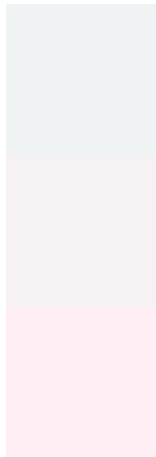
This preview shows how white text looks on a background with the XYZ color 84.1634, 89.0975,

97.5557.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.1634, 89.0975, 97.5557

Protanopia

85.4883, 88.9142, 96.6608

Deuteranopia

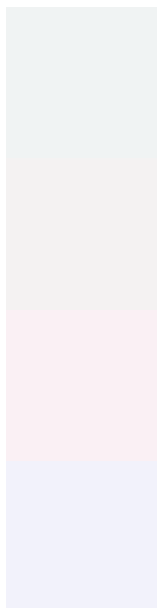
88.1437, 88.9407, 98.1096



Tritanopia

86.4674, 89.1853, 107.2649

Trichromacy



Original Color

84.1634, 89.0975, 97.5557

Protanomaly

85.0874, 89.1482, 96.7271

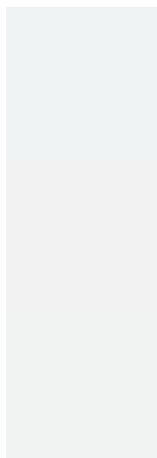
Deuteranomaly

86.9136, 89.1758, 98.2198

Tritanomaly

85.7827, 89.3465, 103.9912

Monochromacy



Original Color

84.1634, 89.0975, 97.5557

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.0548, 88.6158, 96.6788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1634, 89.0975, 97.5557 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(240, 243, 243) looks like.

```
.text, #text, p{  
    color:rgb(240, 243, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 243, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.1634, 89.0975, 97.5557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 243, 243) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 243, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 243,  
243) }
```


Background

The CSS property to change the background color of an element to XYZ 84.1634, 89.0975, 97.5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 243, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
243, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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