

Converting Colors

XYZ(87.1871, 92.2527,
100.8897)

Have a look what the booklet for
XYZ(87.1871, 92.2527, 100.8897)
contains.

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Color

**XYZ(87.3575, 92.4700,
101.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F7F7
RGB	244, 247, 247
RGB Percent	96%, 97%, 97%
CMY	0.0431, 0.0313, 0.0314
CMYK	0.01, 0.00, 0.00, 0.03
HSL	180°, 16%, 96%
HSV	180°, 1%, 97%
XYZ	87.3575, 92.4700, 101.2400
YIQ	246.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

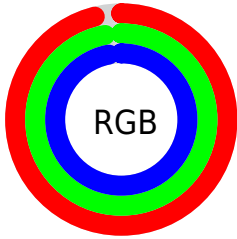
Format	Color
R_{YB}	244, 246, 247
Decimal	16054263
CIE Lab	97.01, -0.99, -0.36
CIE LCh	97, 1.049, 199.958
Yxy	92.4700, 0.3108, 0.3290
Android (android.graphics.Color)	4294244343 (0xFF4F7F7F)
YUV	246.1030, 0.4422, -1.8443
Hunter-Lab	96.1613, -6.1245, 4.8916

Details

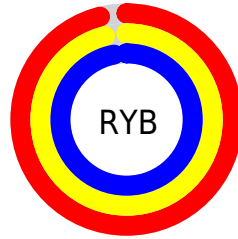
The XYZ color **87.3575, 92.4700, 101.2400** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0410, 91.0096, 98.5715**, and the grayscale version is **87.6805, 92.2468, 100.4567**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7738, 51.7146, 56.7015** is the 20% darker color. If you saturate the color by 10%, you get **79.3504, 88.3454, 100.8409**, and if you desaturate by 10%, it is **91.2963, 94.5026, 101.4525**.

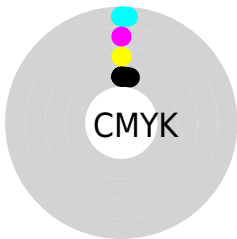
Distribution



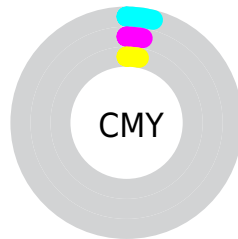
- Red (96%)
- Green (97%)
- Blue (97%)



- Red (96%)
- Yellow (96%)
- Blue (97%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.3575, 92.4700, 101.2400 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 87.3575, 92.4700, 101.2400 by changing the saturation by 10% instead.

87.3575, 92.4700,
101.2400

87.3575, 92.4700,
101.2400

507.7638,
536.0333, 585.4416

66.1201, 70.0311,
76.7139

142.5594,
150.7646, 164.9269

48.6380, 51.5519,
56.5079

177.2547,
187.3891, 204.9247

34.5457, 36.6480,
40.2036

217.1666,
229.5109, 250.9169

23.4780, 24.9351,
27.3823

262.6606,
277.5144, 303.3220

15.0695, 16.0287,
17.6256

314.1019,
331.7840, 362.5584

8.9548, 9.5445,
10.5149

371.8560,

4.7686, 5.0980,

392.7041, 429.0448

5.6316

436.2882,
460.6591, 503.1997

■ 2.1455, 2.3049,
2.5573

■ 0.7138, 0.7763,
0.8703

■ 87.3575, 92.4700,
101.2400

■ 87.3575, 92.4700,
101.2400

■ 79.3504, 88.3454,
100.8409

■ 91.2963, 94.5026,
101.4525

■ 72.4438, 84.7855,
100.4914


■ 91.3014, 94.5046,
101.4790


■ 66.5922, 81.7694,
100.1913


■ 91.3064, 94.5066,
101.5055


■ 61.7434, 79.2704,
99.9381

■ 91.3114, 94.5086,
101.5321


 57.8412, 77.2593,
99.7293


 91.3165, 94.5106,
101.5586


 54.8238, 75.7044,
99.5618


 91.3215, 94.5126,
101.5851


 52.6218, 74.5698,
99.4325

 91.3266, 94.5147,
101.6117

 51.1557, 73.8146,
99.3377

 91.3316, 94.5167,
101.6382

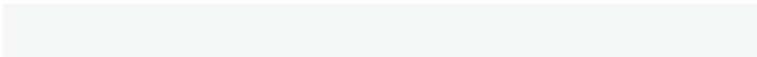
 50.3303, 73.3896,
99.2728

 91.3366, 94.5187,
101.6647

Harmonies

Analogous

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



87.3322, 92.4700, 100.4009



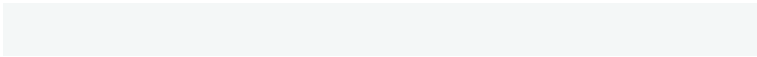
87.3575, 92.4700, 101.2400



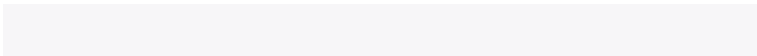
87.5253, 92.4700, 101.9338

Triad

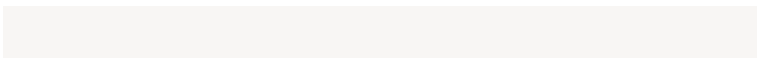
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3575, 92.4700, 101.2400



88.3252, 92.4700, 101.7336



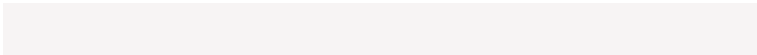
87.9890, 92.4700, 99.0918

Complementary

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



87.3575, 92.4700, 101.2400



87.0410, 91.0096, 98.5715

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.



88.2557, 92.4700, 99.4447



87.3575, 92.4700, 101.2400



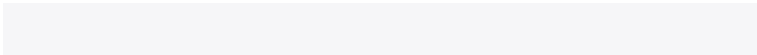
88.4501, 92.4700, 100.9679

Square

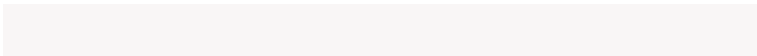
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



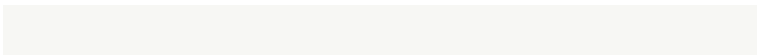
87.3575, 92.4700, 101.2400



88.0838, 92.4700, 102.2199



88.4246, 92.4700, 100.1303



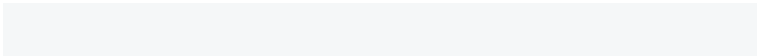
87.6964, 92.4700, 99.1638

Rectangle

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



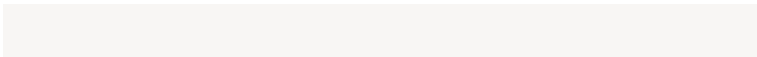
87.3575, 92.4700, 101.2400



87.6956, 92.4700, 102.2190



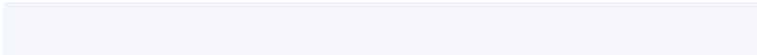
88.4246, 92.4700, 100.1303



88.0846, 92.4700, 99.1646

Sweetspot

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



87.3601, 92.4740, 101.2420

95.0500, 100.0000, 108.9000



86.9181, 92.2992, 98.8238



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.



87.3601, 92.4740, 101.2420



94.1175, 99.5193, 108.8535



86.9184, 91.5896, 101.0978



18.4562, 19.5102, 21.3351



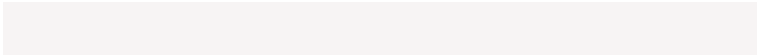
26.4433, 38.7221, 52.4814



2.3244, 3.4034, 4.6142

Inverse Universe

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



87.0410, 91.0096, 98.5715



93.8345, 98.2208, 106.4855



87.4790, 91.8866, 98.7146



18.4037, 19.2692, 20.8957



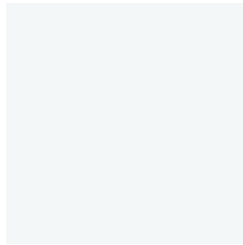
20.2875, 10.4584, 0.9565



1.7834, 0.9193, 0.0857

Previews

White Background



This preview shows how the XYZ color 87.3575, 92.4700, 101.2400 looks on a white background.

Color Contrast Check

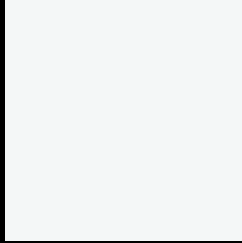
Large Text (above 18pt) WCAG AA × Fail

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 87.3575, 92.4700, 101.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

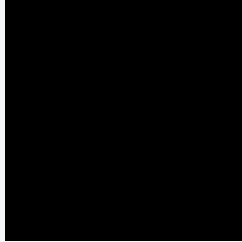
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

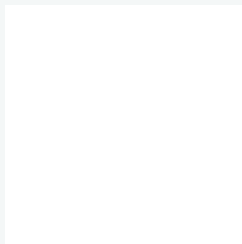
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.3575, 92.4700, 101.2400

Background



This preview shows how black text looks on a background with the XYZ color 87.3575, 92.4700, 101.2400.



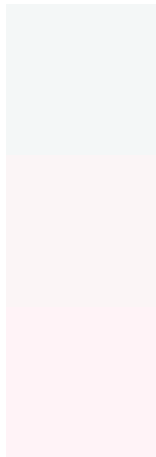
This preview shows how white text looks on a background with the XYZ color 87.3575, 92.4700,

101.2400.

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

87.3575, 92.4700, 101.2400

Protanopia

89.0706, 92.4679, 100.3423

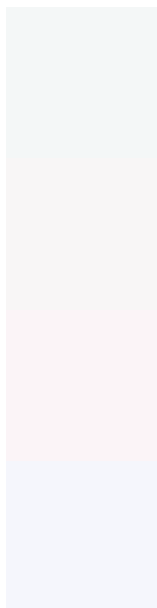
Deuteranopia

90.0791, 92.0766, 101.0206

Tritanopia

88.7084, 92.1176, 107.7128

Trichromacy



Original Color

87.3575, 92.4700, 101.2400

Protanomaly

88.3017, 92.5218, 100.3933

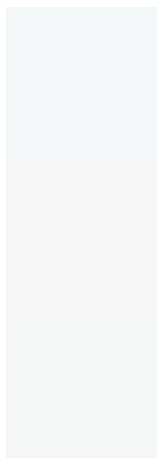
Deuteranomaly

88.9228, 91.9260, 101.0524

Tritanomaly

88.1826, 92.3523, 105.2735

Monochromacy



Original Color

87.3575, 92.4700, 101.2400

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.2465, 91.9778, 100.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3575, 92.4700, 101.2400 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(244, 247, 247) looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 247)  
}
```

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(244, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 247) }
```

Border

The CSS property to change the border of an element to XYZ 87.3575, 92.4700, 101.2400 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(244, 247, 247) }
```

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

```
.border{ border-color:rgb(244, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(244, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
247) }
```


Background

The CSS property to change the background color of an element to XYZ 87.3575, 92.4700, 101.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 247) }
```

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

```
.background{ background-color: rgb(244,  
247, 247) }
```

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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