

Converting Colors

XYZ(84.1112, 87.7637,
103.5887)

Have a look what the booklet for
XYZ(84.1112, 87.7637, 103.5887)
contains.

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Color

**XYZ(84.1693, 87.6359,
103.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF0FB
RGB	239, 240, 251
RGB Percent	94%, 94%, 98%
CMY	0.0627, 0.0588, 0.0157
CMYK	0.05, 0.04, 0.00, 0.02
HSL	235°, 60%, 96%
HSV	235°, 5%, 98%
XYZ	84.1693, 87.6359, 103.7460
YIQ	240.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

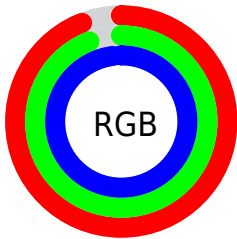
Format	Color
R _Y B	239, 240, 251
Decimal	15724795
CIE Lab	95.01, 1.67, -5.41
CIE LCh	95, 5.663, 287.127
Yxy	87.6359, 0.3055, 0.3180
Android (android.graphics.Color)	4293914875 (0xFFEFF0FB)
YUV	240.9550, 4.9522, -1.7145
Hunter-Lab	93.6140, -3.3335, -0.1772

Details

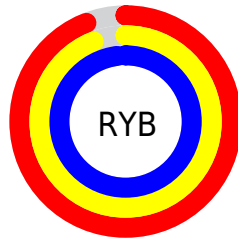
The XYZ color **84.1693, 87.6359, 103.7460** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.5495, 95.1117, 95.3015**, and the grayscale version is **83.5405, 87.8911, 95.7134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5193, 48.2884, 58.4985** is the 20% darker color. If you saturate the color by 10%, you get **69.9297, 70.8745, 101.2626**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5448**.

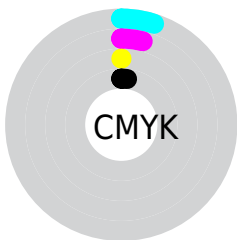
Distribution



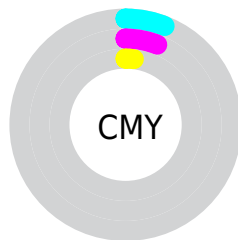
- Red (94%)
- Green (94%)
- Blue (98%)



- Red (94%)
- Yellow (94%)
- Blue (98%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1693, 87.6359, 103.7460 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 84.1693, 87.6359, 103.7460 by changing the saturation by 10% instead.

84.1693, 87.6359,
103.7460

84.1693, 87.6359,
103.7460

497.4004,
520.3101, 593.4860

63.4754, 66.0216,
78.7984

138.1320,
144.0501, 168.3922

46.4860, 48.2899,
58.2097

172.1315,
179.6189, 208.9279

32.8357, 34.0565,
41.5615

211.2970,
220.6078, 255.4967

22.1593, 22.9370,
28.4351

255.9937,
267.4014, 308.5171

14.0912, 14.5470,
18.4120

306.5870,
320.3841, 368.4077

8.2663, 8.5021,
11.0737

363.4424,

4.3190, 4.4179,

379.9401, 435.5870

6.0016

426.9251,
446.4540, 510.4736

■ 1.8842, 1.9100,
2.7773

■ 0.5676, 0.5544,
0.9821

■ 84.1693, 87.6359,
103.7460

■ 84.1693, 87.6359,
103.7460

■ 69.9297, 70.8745,
101.2626

94.4128, 99.7451,
105.5448

■ 57.6425, 56.3436,
99.1054

■ 47.2245, 43.9526,
97.2628

■ 38.5839, 33.6000,
95.7200

■ 31.6212, 25.1764,
94.4610

■ 26.2267, 18.5620,
93.4686

■ 22.2778, 13.6235,
92.7235

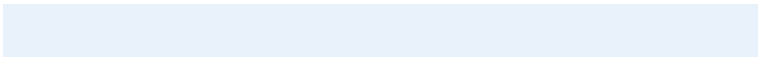
■ 19.6336, 10.2091,
92.2039

■ 18.1240, 8.1389,
91.8838

Harmonies

Analogous

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



82.6381, 87.6359, 103.9182



84.1693, 87.6359, 103.7460



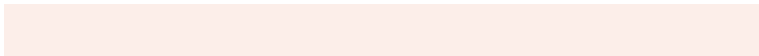
85.4816, 87.6359, 101.3001

Triad

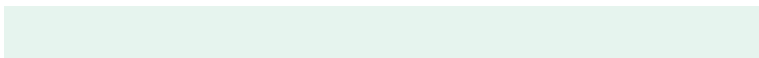
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1693, 87.6359, 103.7460



85.3237, 87.6359, 89.3468



80.4453, 87.6359, 93.5460

Complementary

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



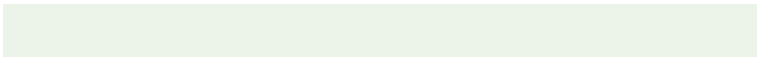
84.1693, 87.6359, 103.7460



89.5495, 95.1117, 95.3015

Split Complementary

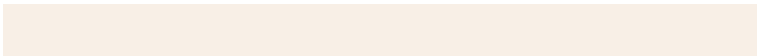
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1466, 87.6359, 89.7731



84.1693, 87.6359, 103.7460



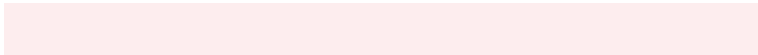
83.9559, 87.6359, 87.3994

Square

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



84.1693, 87.6359, 103.7460



86.1537, 87.6359, 92.9479



82.4274, 87.6359, 87.5529



80.5008, 87.6359, 97.9368

Rectangle

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



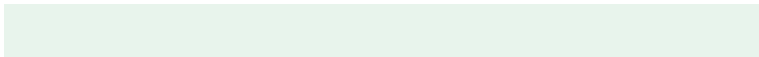
84.1693, 87.6359, 103.7460



86.0500, 87.6359, 98.7508



82.4274, 87.6359, 87.5529



80.6000, 87.6359, 92.1662

Sweetspot

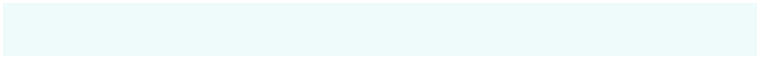
The Sweet Spot groups the original color and five complimentary colors.



84.1718, 87.6396, 103.7479



93.3771, 98.0377, 108.6094



87.3192, 94.2361, 103.8667



20.0042, 21.0048, 23.2499



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.1718, 87.6396, 103.7479



85.3326, 88.5913, 107.2101



85.5194, 87.8970, 103.7266



17.2817, 17.9138, 21.9322



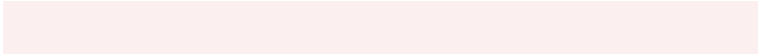
9.3348, 4.0252, 48.2585



0.9033, 0.4502, 4.4825

Inverse Universe

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



86.3803, 88.5353, 94.9787



88.1860, 89.7533, 95.8793



88.1548, 94.8568, 95.3259



17.9261, 18.1768, 19.3732



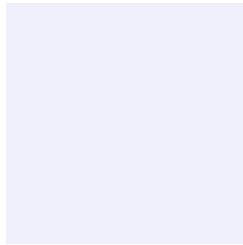
21.0038, 10.8172, 1.4626



1.9648, 1.0097, 0.2383

Previews

White Background



This preview shows how the XYZ color 84.1693, 87.6359, 103.7460 looks on a white background.

Color Contrast Check

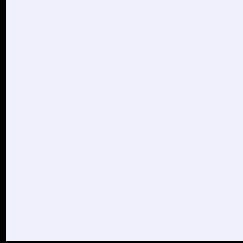
Large Text (above 18pt) WCAG AA × Fail

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 84.1693, 87.6359, 103.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

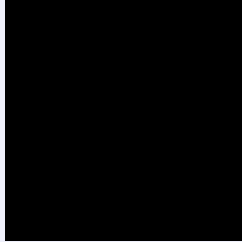
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

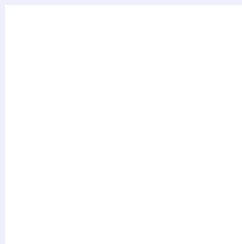
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1693, 87.6359, 103.7460

Background



This preview shows how black text looks on a background with the XYZ color 84.1693, 87.6359, 103.7460.



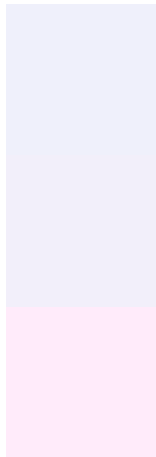
This preview shows how white text looks on a background with the XYZ color 84.1693, 87.6359,

103.7460.

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

84.1693, 87.6359, 103.7460

Protanopia

84.7398, 87.5124, 102.8678

Deuteranopia

88.2036, 87.5788, 102.6980



Tritanopia

84.8517, 87.4783, 107.0206

Trichromacy



Original Color

84.1693, 87.6359, 103.7460

Protanomaly

84.3974, 87.3359, 102.8518

Deuteranomaly

86.6064, 87.6102, 102.7883

Tritanomaly

84.6911, 87.4140, 106.1748

Monochromacy



Original Color

84.1693, 87.6359, 103.7460

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.8719, 88.0284, 98.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1693, 87.6359, 103.7460 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(239, 240, 251) looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 251)  
}
```

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(239, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.1693, 87.6359, 103.7460 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(239, 240, 251) }
```


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

```
.border{ border-color:rgb(239, 240, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 240, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1693, 87.6359, 103.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 251) }
```

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

```
.background{ background-color: rgb(239,  
240, 251) }
```

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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