

Converting Colors

XYZ(85.6368, 86.2191,
104.2239)

Have a look what the booklet for
XYZ(85.6368, 86.2191, 104.2239)
contains.

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Color

**XYZ(85.6368, 86.2191,
104.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBFC
RGB	247, 235, 252
RGB Percent	97%, 92%, 99%
CMY	0.0314, 0.0784, 0.0118
CMYK	0.02, 0.07, 0.00, 0.01
HSL	282°, 74%, 95%
HSV	282°, 7%, 99%
XYZ	85.6368, 86.2191, 104.2239
YIQ	240.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

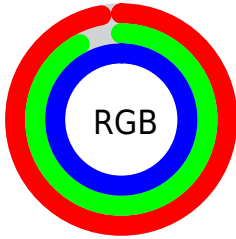
Format	Color
R _Y B	247, 235, 252
Decimal	16247804
CIE Lab	94.41, 7.03, -6.75
CIE LCh	94, 9.750, 316.181
Yxy	86.2191, 0.3102, 0.3123
Android (android.graphics.Color)	4294437884 (0xFFFF7EBFC)
YUV	240.5260, 5.6567, 5.6777
Hunter-Lab	92.8542, 2.1305, -1.5519

Details

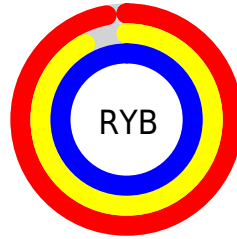
The XYZ color **85.6368, 86.2191, 104.2239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7442, 94.1465, 92.2545**, and the grayscale version is **83.1949, 87.5275, 95.3175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4563, 47.2567, 58.2500** is the 20% darker color. If you saturate the color by 10%, you get **76.3651, 71.4789, 101.8687**, and if you desaturate by 10%, it is **94.3561, 99.6976, 106.3673**.

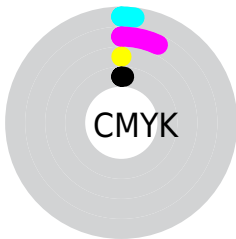
Distribution



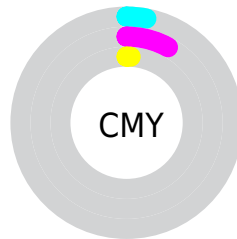
- Red (97%)
- Green (92%)
- Blue (99%)



- Red (97%)
- Yellow (92%)
- Blue (99%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (3%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6368, 86.2191, 104.2239 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 85.6368, 86.2191, 104.2239 by changing the saturation by 10% instead.

85.6368, 86.2191,
104.2239

85.6368, 86.2191,
104.2239

502.1848,
515.6534, 595.0136

64.6919, 64.8492,
79.1963

140.1720,
142.0752, 169.0521

47.4751, 47.3388,
58.5349

174.4930,
177.3302, 209.6898

33.6209, 33.3036,
41.8213

214.0035,
217.9822, 256.3678

22.7640, 22.3591,
28.6369

259.0687,
264.4158, 309.5049

14.5391, 14.1210,
18.5631

310.0542,
317.0154, 369.5195

8.5808, 8.2049,
11.1814

367.3251,

4.5237, 4.2263,

376.1652, 436.8301

6.0733

431.2468,
442.2497, 511.8553

■ 2.0024, 1.8010,
2.8202

■ 0.6353, 0.4878,
1.0036

■ 85.6368, 86.2191,
104.2239

■ 85.6368, 86.2191,
104.2239

■ 76.3651, 71.4789,
101.8687

94.3561, 99.6976,
106.3673

■ 68.1730, 58.7465,
99.8429

94.5709, 99.8084,
106.3773

■ 61.0159, 47.9335,
98.1330

■ 54.8433, 38.9404,
96.7225

■ 49.5999, 31.6588,
95.5933

■ 45.2246, 25.9682,
94.7255

■ 41.6482, 21.7323,
94.0964

■ 38.7899, 18.7913,
93.6794

■ 36.5479, 16.9435,
93.4409

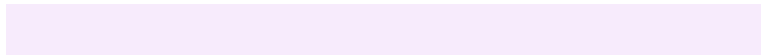
Harmonies

Analogous

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



83.3603, 86.2191, 108.4240



85.6368, 86.2191, 104.2239



86.9376, 86.2191, 97.3658

Triad

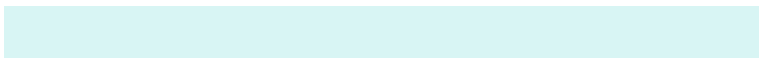
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6368, 86.2191, 104.2239



83.1576, 86.2191, 80.5557



77.2060, 86.2191, 97.9553

Complementary

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



85.6368, 86.2191, 104.2239



85.7442, 94.1465, 92.2545

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.



77.1544, 86.2191, 90.4744



85.6368, 86.2191, 104.2239



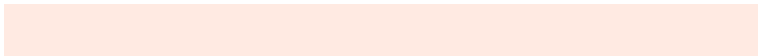
80.5531, 86.2191, 80.6948

Square

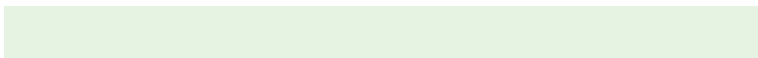
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



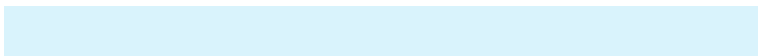
85.6368, 86.2191, 104.2239



85.4857, 86.2191, 83.8499



78.3680, 86.2191, 84.2404



78.5105, 86.2191, 104.6752

Rectangle

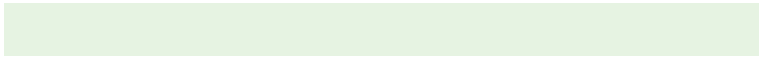
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6368, 86.2191, 104.2239



87.0588, 86.2191, 92.3335



78.3680, 86.2191, 84.2404



77.0425, 86.2191, 95.4396

Sweetspot

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



85.6393, 86.2228, 104.2258



92.8947, 96.5056, 108.3391



83.0246, 87.0732, 104.5277



19.9059, 20.6928, 23.1949



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.



85.6393, 86.2228, 104.2258



86.7104, 86.5474, 106.7429



86.8924, 86.9305, 101.4973



17.4666, 17.2532, 21.7949



18.8554, 8.6630, 48.6519



1.8522, 0.8569, 4.5110

Inverse Universe

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



85.5844, 86.4073, 94.6099



86.6516, 86.7749, 95.0894



84.5659, 93.4818, 94.7879



17.4547, 17.3092, 18.9840



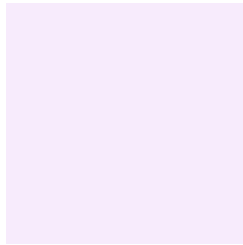
21.6138, 11.0613, 4.6750



2.0460, 1.0421, 0.6657

Previews

White Background



This preview shows how the XYZ color 85.6368, 86.2191, 104.2239 looks on a white background.

Color Contrast Check

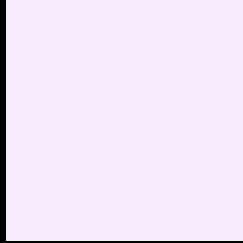
Large Text (above 18pt) WCAG AA × Fail

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 85.6368, 86.2191, 104.2239 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

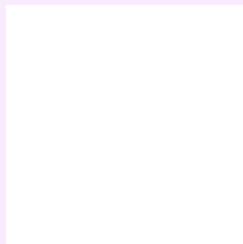
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6368, 86.2191, 104.2239

Background



This preview shows how black text looks on a background with the XYZ color 85.6368, 86.2191, 104.2239.



This preview shows how white text looks on a background with the XYZ color 85.6368, 86.2191,

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

85.6368, 86.2191, 104.2239

Protanopia

83.6104, 86.0109, 105.1235

Deuteranopia

87.6673, 86.0015, 104.0748



Tritanopia

85.7957, 86.2827, 105.0608

Trichromacy



Original Color

85.6368, 86.2191, 104.2239

Protanomaly

84.3430, 85.9600, 105.0751

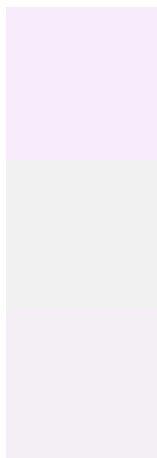
Deuteranomaly

86.8545, 86.0015, 104.1177

Tritanomaly

85.7957, 86.2827, 105.0608

Monochromacy



Original Color

85.6368, 86.2191, 104.2239

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.3101, 87.3803, 98.8087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6368, 86.2191, 104.2239 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(247, 235, 252) looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 252)  
}
```

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(247, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.6368, 86.2191, 104.2239 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(247, 235, 252) }
```


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

```
.border{ border-color:rgb(247, 235, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6368, 86.2191, 104.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 252) }
```

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

```
.background{ background-color: rgb(247,  
235, 252) }
```

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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