

Converting Colors

XYZ(86.2194, 86.0772,
104.9988)

Have a look what the booklet for
XYZ(86.2194, 86.0772, 104.9988)
contains.

XYZ(86.2194, 86.0772, 104.9988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.2194, 86.0772,
104.9988)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EAFD
RGB	249, 234, 253
RGB Percent	98%, 92%, 99%
CMY	0.0235, 0.0823, 0.0078
CMYK	0.02, 0.08, 0.00, 0.01
HSL	287°, 83%, 95%
HSV	287°, 8%, 99%
XYZ	86.2194, 86.0772, 104.9988
YIQ	240.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

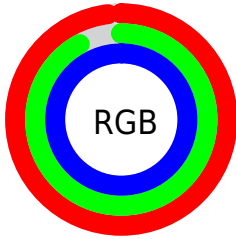
Format	Color
R _Y B	249, 234, 253
Decimal	16378621
CIE Lab	94.35, 8.39, -7.34
CIE LCh	94, 11.148, 318.805
Yxy	86.0772, 0.3109, 0.3104
Android (android.graphics.Color)	4294568701 (0xFFF9EAFD)
YUV	240.6510, 6.0881, 7.3221
Hunter-Lab	92.7778, 3.5208, -2.1554

Details

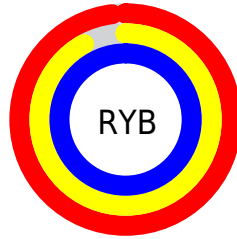
The XYZ color **86.2194, 86.0772, 104.9988** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2395, 94.3704, 91.5689**, and the grayscale version is **83.2891, 87.6266, 95.4254**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8765, 47.1638, 58.8047** is the 20% darker color. If you saturate the color by 10%, you get **77.6537, 71.7235, 102.6810**, and if you desaturate by 10%, it is **94.4834, 99.7449, 107.2027**.

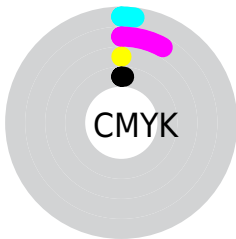
Distribution



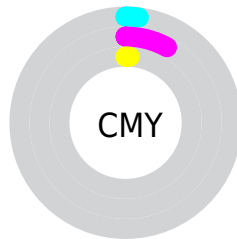
- Red (98%)
- Green (92%)
- Blue (99%)



- Red (98%)
- Yellow (92%)
- Blue (99%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2194, 86.0772, 104.9988 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 86.2194, 86.0772, 104.9988 by changing the saturation by 10% instead.

 86.2194, 86.0772,
104.9988

 86.2194, 86.0772,
104.9988


504.0775,
515.1857, 597.4862

 65.1753, 64.7318,
79.8417

140.9809,
141.8772, 170.1214

 47.8685, 47.2436,
59.0627


175.4289,
177.1006, 210.9241

 33.9335, 33.2283,
42.2432

215.0757,
217.7188, 257.7790

 23.0052, 22.3014,
28.9648

260.2865,
264.1163, 311.1046

 14.7181, 14.0785,
18.8089

311.4268,
316.6773, 371.3197

 8.7068, 8.1753,
11.3568

368.8618,

 4.6060, 4.2073,

375.7862, 438.8426

6.1902

432.9569,
441.8276, 514.0919

■ 2.0504, 1.7902,
2.8904

■ 0.6620, 0.4811,
1.0390

■ 86.2194, 86.0772,
104.9988

■ 86.2194, 86.0772,
104.9988

■ 77.6537, 71.7235,
102.6810

94.4834, 99.7449,
107.2027

■ 70.1239, 59.3638,
100.6922

94.7299, 99.8719,
107.2142

■ 63.5858, 48.9087,
99.0188

■ 57.9886, 40.2576,
97.6439

■ 53.2771, 33.3005,
96.5494

■ 49.3898, 27.9153,
95.7148

■ 46.2570, 23.9632,
95.1171

■ 43.7967, 21.2809,
94.7291

■ 41.9016, 19.6545,
94.5150

Harmonies

Analogous

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



83.6822, 86.0772, 110.2006



86.2194, 86.0772, 104.9988



87.5879, 86.0772, 96.9587

Triad

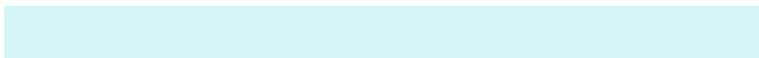
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2194, 86.0772, 104.9988



82.9358, 86.0772, 78.4726



76.4880, 86.0772, 99.1352

Complementary

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



86.2194, 86.0772, 104.9988



85.2395, 94.3704, 91.5689

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.



76.2992, 86.0772, 90.5610



86.2194, 86.0772, 104.9988



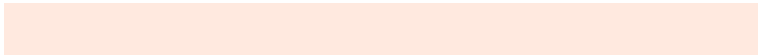
79.9734, 86.0772, 78.9764

Square

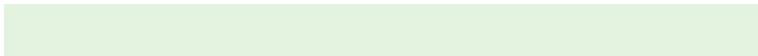
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



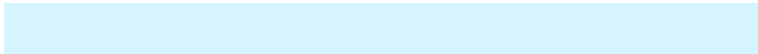
86.2194, 86.0772, 104.9988



85.6615, 86.0772, 81.8646



77.5609, 86.0772, 83.2856



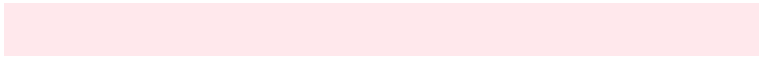
78.0831, 86.0772, 106.6755

Rectangle

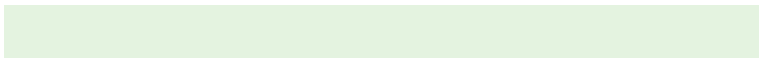
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2194, 86.0772, 104.9988



87.6315, 86.0772, 91.2241



77.5609, 86.0772, 83.2856



76.2595, 86.0772, 96.2681

Sweetspot

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



86.2219, 86.0809, 105.0007



93.0506, 96.5860, 108.3464



82.2733, 85.8051, 105.1556



19.9376, 20.7091, 23.1964



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.



86.2219, 86.0809, 105.0007



86.4052, 85.3164, 106.5214



86.8173, 86.4855, 100.6152



18.3962, 18.0960, 22.7732



22.1907, 10.3502, 50.2628



2.2499, 1.0538, 4.8981

Inverse Universe

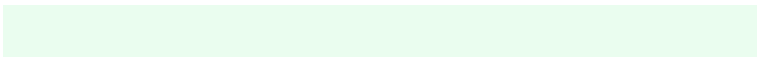
The Inverse Universe completely reimagines the original color for something new.



85.3664, 85.9052, 92.9750



85.3795, 85.1089, 91.9582



84.6967, 93.9999, 95.6419



18.1658, 18.0496, 19.4904



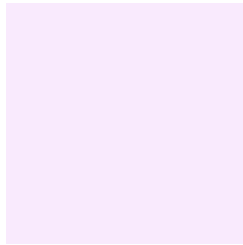
21.9364, 11.2638, 3.0494



2.1735, 1.1118, 0.4953

Previews

White Background



This preview shows how the XYZ color 86.2194, 86.0772, 104.9988 looks on a white background.

Color Contrast Check

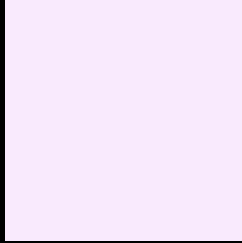
Large Text (above 18pt) WCAG AA × Fail

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 86.2194, 86.0772, 104.9988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

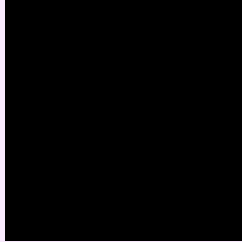
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2194, 86.0772, 104.9988

Background



This preview shows how black text looks on a background with the XYZ color 86.2194, 86.0772, 104.9988.



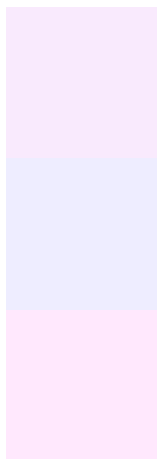
This preview shows how white text looks on a background with the XYZ color 86.2194, 86.0772,

104.9988.

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

86.2194, 86.0772, 104.9988

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

87.8262, 86.0651, 104.9118



Tritanopia

86.2194, 86.0772, 104.9988

Trichromacy



Original Color

86.2194, 86.0772, 104.9988

Protanomaly

84.5028, 86.0239, 105.9164

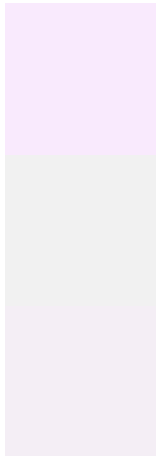
Deuteranomaly

87.3765, 86.2523, 104.9716

Tritanomaly

86.2194, 86.0772, 104.9988

Monochromacy



Original Color

86.2194, 86.0772, 104.9988

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.3642, 86.9747, 98.7275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2194, 86.0772, 104.9988 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(249, 234, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 253)  
}
```

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(249, 234, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 253) }
```

Border

The CSS property to change the border of an element to XYZ 86.2194, 86.0772, 104.9988 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(249, 234, 253) }
```


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

```
.border{ border-color:rgb(249, 234, 253) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2194, 86.0772, 104.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 253) }
```

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

```
.background{ background-color: rgb(249,  
234, 253) }
```

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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