

Converting Colors

XYZ(120.2818, 102.4031,
294.8179)

Have a look what the booklet for
XYZ(120.2818, 102.4031, 294.8179)
contains.

XYZ(84.7652, 88.3077, 107.1852)	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(84.7652, 88.3077,
107.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF1FF
RGB	238, 241, 255
RGB Percent	93%, 95%, 100%
CMY	0.0667, 0.0549, 0.0000
CMYK	0.07, 0.05, 0.00, 0.00
HSL	229°, 100%, 97%
HSV	229°, 7%, 100%
XYZ	84.7652, 88.3077, 107.1852
YIQ	241.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

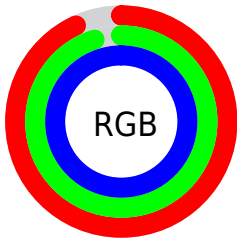
Format	Color
R _Y B	238, 241, 255
Decimal	15659519
CIE Lab	95.29, 1.58, -7.08
CIE LCh	95, 7.249, 282.578
Yxy	88.3077, 0.3025, 0.3151
Android (android.graphics.Color)	4293849599 (0xFFEEF1FF)
YUV	241.6990, 6.5574, -3.2440
Hunter-Lab	93.9722, -3.4399, -1.8460

Details

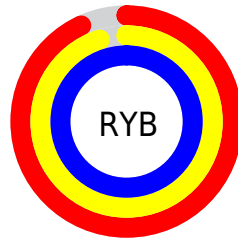
The XYZ color **84.7652, 88.3077, 107.1852** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.4823, 97.0519, 94.8018**, and the grayscale version is **84.1156, 88.4962, 96.3723**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8334, 48.7202, 60.3616** is the 20% darker color. If you saturate the color by 10%, you get **70.9425, 72.4840, 104.8595**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

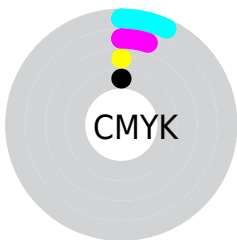
Distribution



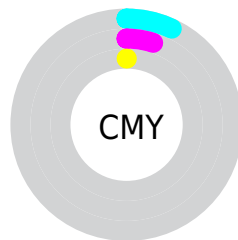
- Red (93%)
- Green (95%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7652, 88.3077, 107.1852 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 84.7652, 88.3077, 107.1852 by changing the saturation by 10% instead.

84.7652, 88.3077,
107.1852

84.7652, 88.3077,
107.1852

499.3462,
522.5104, 604.4339

63.9692, 66.5779,
81.6644

138.9608,
144.9855, 173.1345

46.8873, 48.7417,
60.5547

173.0911,
180.7022, 214.4000

33.1542, 34.4146,
43.4377

212.3970,
221.8502, 261.7509

22.4044, 23.2123,
29.8948

257.2437,
268.8136, 315.6056

14.2726, 14.7504,
19.5073

307.9966,
321.9769, 376.3827

8.3935, 8.6444,
11.8569

365.0211,

4.4017, 4.5100,

381.7246, 444.5008

6.5250

428.6825,
448.4409, 520.3783

■ 1.9318, 1.9627,
3.0929

■ 0.5952, 0.5857,
1.1423

■ 84.7652, 88.3077,
107.1852

■ 84.7652, 88.3077,
107.1852

■ 70.9425, 72.4840,
104.8595

95.0500, 100.0000,
108.9000

■ 58.9713, 58.6396,
102.8182

■ 48.7742, 46.6990,
101.0509

■ 40.2654, 36.5778,
99.5457

■ 33.3519, 28.1851,
98.2902

■ 27.9317, 21.4218,
97.2704

■ 23.8902, 16.1786,
96.4714

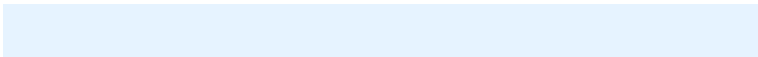
■ 21.0956, 12.3318,
95.8762

■ 19.3869, 9.7358,
95.4651

Harmonies

Analogous

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



82.7997, 88.3077, 106.9291



84.7652, 88.3077, 107.1852



86.5348, 88.3077, 104.4019

Triad

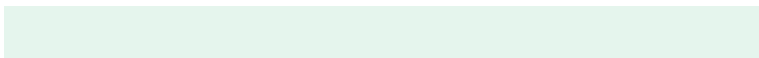
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7652, 88.3077, 107.1852



86.7671, 88.3077, 88.9656



80.3553, 88.3077, 92.9260

Complementary

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



84.7652, 88.3077, 107.1852



91.4823, 97.0519, 94.8018

Split Complementary

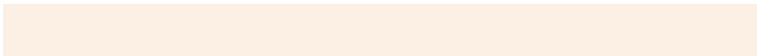
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3855, 88.3077, 88.3487



84.7652, 88.3077, 107.1852



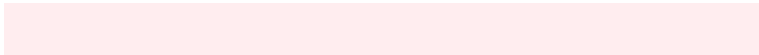
85.0783, 88.3077, 86.1246

Square

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



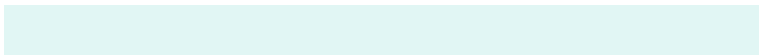
84.7652, 88.3077, 107.1852



87.7027, 88.3077, 93.7984



83.1079, 88.3077, 85.9033



80.2745, 88.3077, 98.5448

Rectangle

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



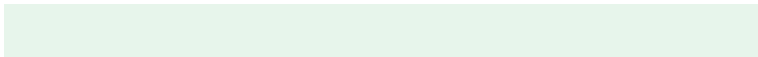
84.7652, 88.3077, 107.1852



87.3569, 88.3077, 101.2587



83.1079, 88.3077, 85.9033



80.6013, 88.3077, 91.2201

Sweetspot

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



84.7675, 88.3113, 107.1858



91.8736, 96.3957, 108.3717



88.5729, 96.7184, 105.9991



19.6980, 20.6704, 23.2015



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.



84.7675, 88.3113, 107.1858



82.8131, 86.0824, 106.8586



85.7202, 87.4935, 106.9777



17.2625, 17.8965, 22.7945



9.9976, 4.9048, 49.8544



1.0410, 0.6128, 4.8767

Inverse Universe

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



87.6931, 88.7615, 95.7341



86.2966, 86.6329, 93.2200



90.4803, 97.9465, 95.0273



18.1404, 18.0395, 19.3563



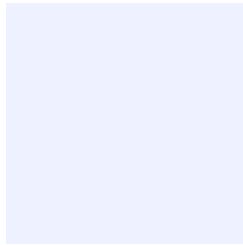
21.8345, 11.2231, 2.5132



2.1601, 1.1064, 0.4244

Previews

White Background



This preview shows how the XYZ color 84.7652, 88.3077, 107.1852 looks on a white background.

Color Contrast Check

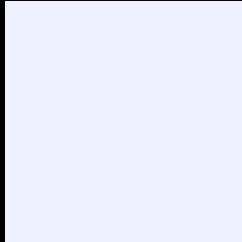
Large Text (above 18pt) WCAG AA × Fail

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 84.7652, 88.3077, 107.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

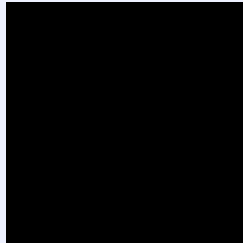
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.7652, 88.3077, 107.1852

Background



This preview shows how black text looks on a background with the XYZ color 84.7652, 88.3077, 107.1852.



This preview shows how white text looks on a background with the XYZ color 84.7652, 88.3077,

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

84.7652, 88.3077, 107.1852

Protanopia

85.6674, 88.3532, 106.3046

Deuteranopia

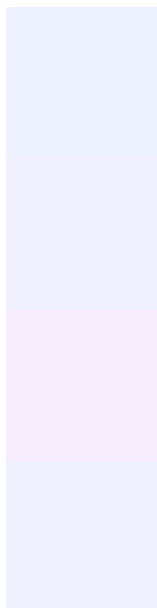
89.1248, 88.4067, 106.1327



Tritanopia

85.1019, 88.4813, 107.2010

Trichromacy



Original Color

84.7652, 88.3077, 107.1852

Protanomaly

85.3251, 88.1767, 106.2886

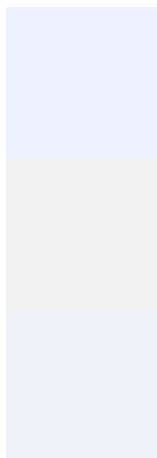
Deuteranomaly

87.5309, 88.4446, 106.2241

Tritanomaly

85.1019, 88.4813, 107.2010

Monochromacy



Original Color

84.7652, 88.3077, 107.1852

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8163, 88.9204, 100.6888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7652, 88.3077, 107.1852 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(238, 241, 255) looks like.

```
.text, #text, p{  
    color:rgb(238, 241, 255)  
}
```

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(238, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.7652, 88.3077, 107.1852 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(238, 241, 255) }
```


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

```
.border{ border-color:rgb(238, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7652, 88.3077, 107.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 241, 255) }
```

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

```
.background{ background-color: rgb(238,  
241, 255) }
```

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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