

Converting Colors

XYZ(88.6702, 96.7244,
108.0016)

Have a look what the booklet for
XYZ(88.6702, 96.7244, 108.0016)
contains.

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Color

**XYZ(88.5744, 96.6803,
107.7587)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFFE
RGB	237, 255, 254
RGB Percent	93%, 100%, 100%
CMY	0.0706, 0.0000, 0.0039
CMYK	0.07, 0.00, 0.00, 0.00
HSL	177°, 100%, 96%
HSV	177°, 7%, 100%
XYZ	88.5744, 96.6803, 107.7587
YIQ	249.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

Format	Color
R_{YB}	237, 246, 255
Decimal	15597566
CIE Lab	98.70, -6.02, -1.55
CIE LCh	99, 6.218, 194.409
Yxy	96.6803, 0.3023, 0.3300
Android (android.graphics.Color)	4293787646 (0xFFEDFFFE)
YUV	249.5040, 2.2165, -10.9660
Hunter-Lab	98.3261, -11.2739, 3.8505

Details

The XYZ color 88.5744, 96.6803, 107.7587 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.9573, 88.0024, 93.2920, and the grayscale version is 90.4452, 95.1554, 103.6242.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3282, 54.2431, 60.6934 is the 20% darker color. If you saturate the color by 10%, you get 80.4319, 92.5087, 106.2010, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



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



- Red (93%)
- Yellow (96%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5744, 96.6803, 107.7587 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 88.5744, 96.6803, 107.7587 by changing the saturation by 10% instead.

88.5744, 96.6803,
107.7587

88.5744, 96.6803,
107.7587

511.6897,
549.5304, 606.2494

67.1312, 73.5343,
82.1429

144.2450,
156.5840, 173.9238

49.4624, 54.4129,
60.9468

179.2032,
194.1104, 215.3101

35.2025, 38.9319,
43.7520

219.3971,
237.1991, 262.7904

23.9861, 26.7068,
30.1398

265.1920,
286.2345, 316.7831

15.4480, 17.3531,
19.6918

316.9534,
341.6009, 377.7068

9.2228, 10.4866,
11.9893

375.0466,

4.9450, 5.7227,

403.6828, 445.9801

6.6140

439.8369,
472.8645, 522.0215

■ 2.2495, 2.6772,
3.1471

■ 0.7686, 0.9656,
1.1702

■ 88.5744, 96.6803,
107.7587

■ 88.5744, 96.6803,
107.7587

■ 80.4319, 92.5087,
106.2010

95.0500, 100.0000,
108.9000

■ 73.4500, 88.9353,
104.7049

■ 67.5752, 85.9324,
103.2693

■ 62.7487, 83.4698,
101.8914

■ 58.9063, 81.5142,
100.5683

■ 55.9766, 80.0290,
99.2965

■ 53.8788, 78.9725,
98.0722

■ 52.5177, 78.2955,
96.8911

■ 51.7719, 77.9356,
95.7473

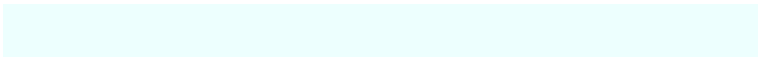
Harmonies

Analogous

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



88.5925, 96.6803, 102.6221



88.5744, 96.6803, 107.7587



89.4371, 96.6803, 112.3709

Triad

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



88.5744, 96.6803, 107.7587



94.3394, 96.6803, 112.5223



92.8267, 96.6803, 95.9909

Complementary

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



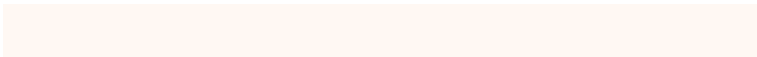
88.5744, 96.6803, 107.7587



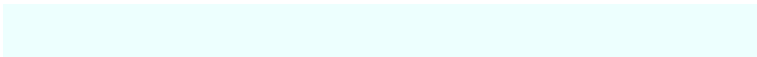
86.9573, 88.0024, 93.2920

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.



94.3908, 96.6803, 98.4717



88.5744, 96.6803, 107.7587



95.2719, 96.6803, 107.9598

Square

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



88.5744, 96.6803, 107.7587



92.7572, 96.6803, 115.1815



95.2909, 96.6803, 102.8168



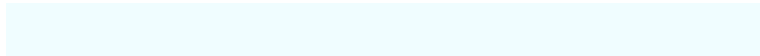
91.0317, 96.6803, 95.9411

Rectangle

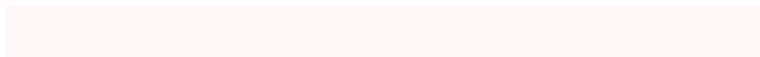
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



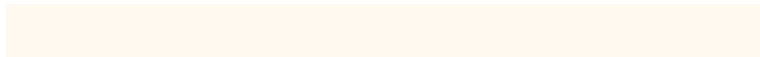
88.5744, 96.6803, 107.7587



90.4022, 96.6803, 114.4803



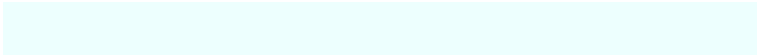
95.2909, 96.6803, 102.8168



93.3975, 96.6803, 96.5645

Sweetspot

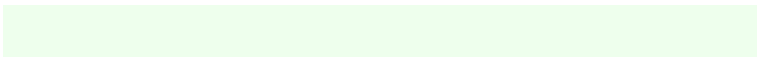
The Sweet Spot groups the original color and five complimentary colors.



88.5753, 96.6807, 107.7602



93.1530, 99.0273, 108.5737



86.3740, 95.8466, 94.0700



19.9584, 21.2061, 23.2427



0.0000, 0.0000, 0.0000



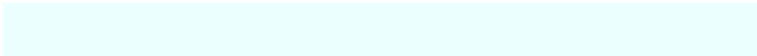
20.3446, 21.4041, 23.3091

Same Dimension

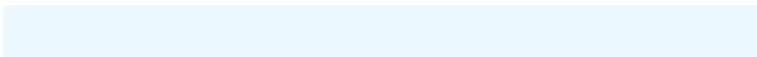
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5753, 96.6807, 107.7602



87.7574, 96.2615, 107.6106



86.2978, 91.8692, 107.7919



18.5088, 20.4630, 22.9822



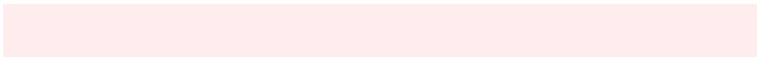
26.9892, 40.6923, 49.9559



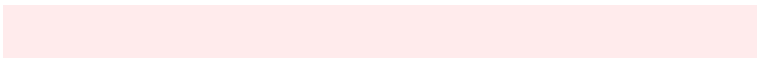
2.6406, 3.9672, 4.9313

Inverse Universe

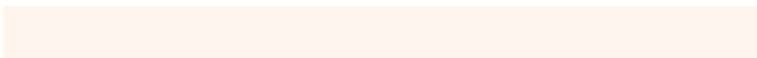
The Inverse Universe completely reimagines the original color for something new.



86.9573, 88.0024, 93.2920



85.9353, 86.4884, 91.3171



89.1186, 92.5590, 93.2907



18.0502, 18.0034, 18.8816



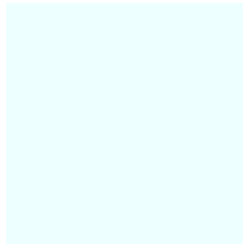
21.6069, 11.1321, 1.3147



2.1175, 1.0894, 0.2002

Previews

White Background



This preview shows how the XYZ color 88.5744, 96.6803, 107.7587 looks on a white background.

Color Contrast Check

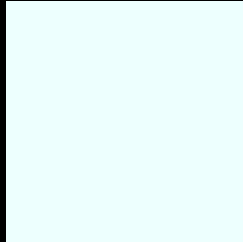
Large Text (above 18pt) WCAG AA × Fail

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 88.5744, 96.6803, 107.7587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

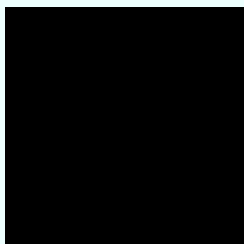
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5744, 96.6803, 107.7587

Background



This preview shows how black text looks on a background with the XYZ color 88.5744, 96.6803, 107.7587.

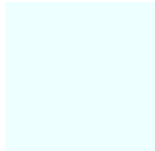


This preview shows how white text looks on a background with the XYZ color 88.5744, 96.6803,

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

88.5744, 96.6803, 107.7587

Protanopia

92.8382, 96.5962, 105.0186

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy



Original Color

88.5744, 96.6803, 107.7587

Protanomaly

91.0925, 96.6055, 105.9411

Deuteranomaly

91.2514, 96.6691, 106.7780

Tritanomaly

90.5166, 96.2533, 108.4157

Monochromacy



Original Color

88.5744, 96.6803, 107.7587

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

89.8792, 95.9983, 105.0592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5744, 96.6803, 107.7587 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(237, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 254)  
}
```

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(237, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 88.5744, 96.6803, 107.7587 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(237, 255, 254) }
```


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

```
.border{ border-color:rgb(237, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5744, 96.6803, 107.7587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 254) }
```

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

```
.background{ background-color: rgb(237,  
255, 254) }
```

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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