

Converting Colors

XYZ(90.6044, 96.8273,
118.2049)

Have a look what the booklet for
XYZ(90.6044, 96.8273, 118.2049)
contains.

XYZ(88.7517, 96.2808, 108.5141)	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(88.7517, 96.2808,
108.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFEFF
RGB	238, 254, 255
RGB Percent	93%, 100%, 100%
CMY	0.0667, 0.0039, 0.0000
CMYK	0.07, 0.00, 0.00, 0.00
HSL	184°, 100%, 97%
HSV	184°, 7%, 100%
XYZ	88.7517, 96.2808, 108.5141
YIQ	249.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

Format	Color
R _Y B	238, 246, 255
Decimal	15662847
CIE Lab	98.54, -5.01, -2.28
CIE LCh	99, 5.511, 204.494
Yxy	96.2808, 0.3023, 0.3280
Android (android.graphics.Color)	4293852927 (0xFFEEFEFF)
YUV	249.3300, 2.7953, -9.9364
Hunter-Lab	98.1228, -10.2623, 3.1171

Details

The XYZ color 88.7517, 96.2808, 108.5141 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.5382, 89.1639, 93.4869, and the grayscale version is 90.2997, 95.0023, 103.4575.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4507, 53.9548, 61.2341 is the 20% darker color. If you saturate the color by 10%, you get 80.3184, 91.2360, 107.9848, 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 88.7517, 96.2808, 108.5141 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 88.7517, 96.2808, 108.5141 by changing the saturation by 10% instead.


 88.7517, 96.2808,
108.5141

 88.7517, 96.2808,
108.5141

512.2604,
548.2572, 608.6365

 67.2786, 73.2014,
82.7734


144.4904,
156.0329, 174.9628

 49.5826, 54.1407,
61.4637


179.4868,
193.4744, 216.5079

 35.2983, 38.7142,
44.1665


219.7216,
236.4721, 264.1582

 24.0604, 26.5374,
30.4633


265.5603,
285.4104, 318.3322

 15.5034, 17.2261,
19.9355

317.3681,
340.6737, 379.4485

 9.2620, 10.3958,
12.1645

375.5105,

 4.9710, 5.6622,

402.6463, 447.9256

6.7319

440.3528,
471.7127, 524.1821

■ 2.2648, 2.6408,
3.2191

■ 0.7766, 0.9472,
1.2076

■ 88.7517, 96.2808,
108.5141

■ 88.7517, 96.2808,
108.5141

■ 80.3184, 91.2360,
107.9848

95.0500, 100.0000,
108.9000

■ 73.0483, 86.7936,
107.5105

■ 66.8894, 82.9296,
107.0893

■ 61.7833, 79.6137,
106.7184

■ 57.6658, 76.8129,
106.3948

■ 54.4661, 74.4906,
106.1152

■ 52.1036, 72.6053,
105.8758

■ 50.4839, 71.1083,
105.6722

■ 49.4882, 69.9384,
105.4989

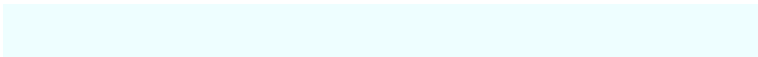
Harmonies

Analogous

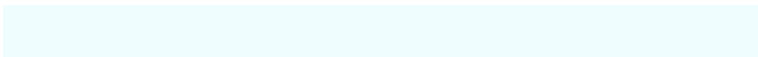
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4956, 96.2808, 103.9936



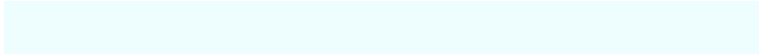
88.7517, 96.2808, 108.5141



89.7438, 96.2808, 112.1410

Triad

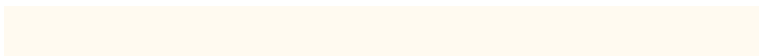
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7517, 96.2808, 108.5141



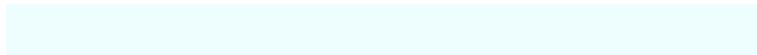
94.0292, 96.2808, 110.0135



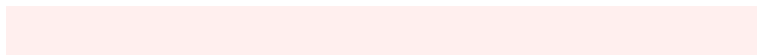
91.8064, 96.2808, 96.3384

Complementary

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



88.7517, 96.2808, 108.5141



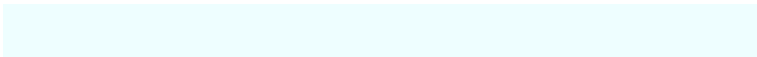
87.5382, 89.1639, 93.4869

Split Complementary

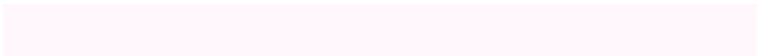
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3033, 96.2808, 97.8504



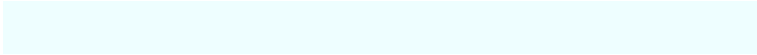
88.7517, 96.2808, 108.5141



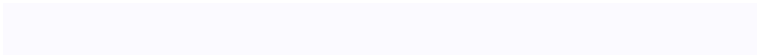
94.5962, 96.2808, 105.6778

Square

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



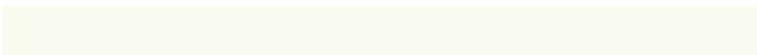
88.7517, 96.2808, 108.5141



92.7883, 96.2808, 113.0241



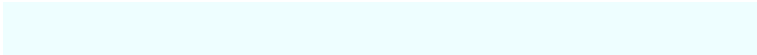
94.3290, 96.2808, 101.2369



90.2475, 96.2808, 97.0483

Rectangle

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



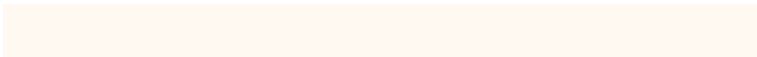
88.7517, 96.2808, 108.5141



90.6952, 96.2808, 113.5193



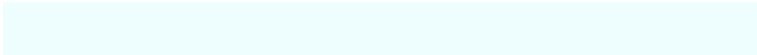
94.3290, 96.2808, 101.2369



92.3337, 96.2808, 96.6023

Sweetspot

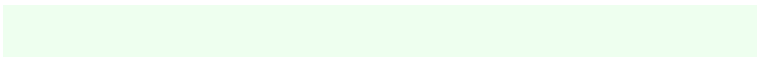
The Sweet Spot groups the original color and five complimentary colors.



88.7542, 96.2848, 108.5147



93.1034, 98.8553, 108.7817



86.5786, 95.9207, 95.4980



19.9484, 21.1711, 23.2850



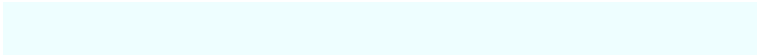
0.0000, 0.0000, 0.0000



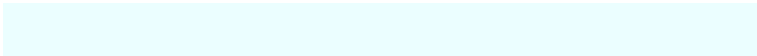
20.3446, 21.4041, 23.3091

Same Dimension

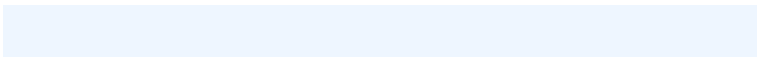
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7542, 96.2848, 108.5147



87.5595, 95.5752, 108.4407



86.1602, 91.0969, 107.6501



18.4585, 20.2886, 23.1932



25.7657, 36.4409, 55.1104



2.5353, 3.6013, 5.3748

Inverse Universe

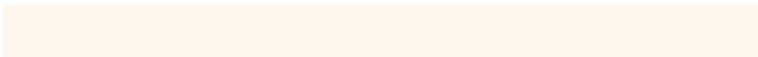
The Inverse Universe completely reimagines the original color for something new.



89.7054, 89.5663, 106.3308



88.6924, 87.5912, 105.8360



90.0410, 94.1695, 94.3212



18.7441, 18.2809, 22.5355



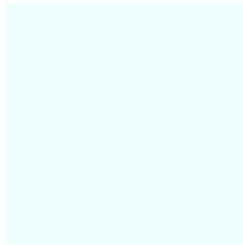
29.7935, 14.4067, 44.4246



2.9143, 1.4081, 4.3961

Previews

White Background



This preview shows how the XYZ color 88.7517, 96.2808, 108.5141 looks on a white background.

Color Contrast Check

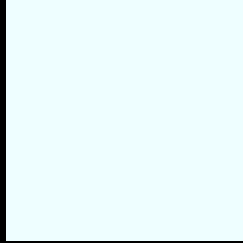
Large Text (above 18pt) WCAG AA × Fail

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 88.7517, 96.2808, 108.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

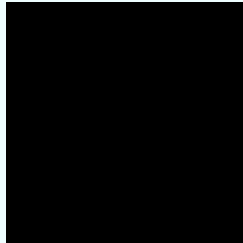
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7517, 96.2808, 108.5141

Background



This preview shows how black text looks on a background with the XYZ color 88.7517, 96.2808, 108.5141.

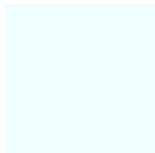


This preview shows how white text looks on a background with the XYZ color 88.7517, 96.2808,

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

88.7517, 96.2808, 108.5141



Protanopia

92.3194, 95.8505, 105.7307

Deuteranopia

92.6864, 96.0396, 105.7479

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy

Original Color

88.7517, 96.2808, 108.5141

Protanomaly

90.9382, 96.0427, 106.6736

Deuteranomaly

91.2937, 96.2259, 106.6903

Tritanomaly

90.5166, 96.2533, 108.4157

Monochromacy

Original Color

88.7517, 96.2808, 108.5141

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.5660, 95.3719, 104.9548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7517, 96.2808, 108.5141 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, 254, 255) looks like.

```
.text, #text, p{  
    color:rgb(238, 254, 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, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.7517, 96.2808, 108.5141 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, 254, 255) }
```


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

```
.border{ border-color:rgb(238, 254, 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, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7517, 96.2808, 108.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 254, 255) }
```

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

```
.background{ background-color: rgb(238,  
254, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor