

Converting Colors

XYZ(107.1259, 100.0000,
206.2697)

Have a look what the booklet for
XYZ(107.1259, 100.0000, 206.2697)
contains.

XYZ(88.3140, 92.3646, 107.7813)	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(88.3140, 92.3646,
107.7813)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F6FF
RGB	244, 246, 255
RGB Percent	96%, 96%, 100%
CMY	0.0431, 0.0353, 0.0000
CMYK	0.04, 0.04, 0.00, 0.00
HSL	229°, 100%, 98%
HSV	229°, 4%, 100%
XYZ	88.3140, 92.3646, 107.7813
YIQ	246.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

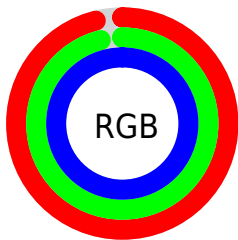
Format	Color
R_{YB}	244, 246, 255
Decimal	16054015
CIE _{Lab}	96.97, 0.97, -4.55
CIE _{LCh}	97, 4.650, 282.005
Yxy	92.3646, 0.3062, 0.3202
Android (android.graphics.Color)	4294244095 (0xFFFF4F6FF)
YUV	246.4280, 4.2260, -2.1294
Hunter-Lab	96.1065, -4.1595, 0.7821

Details

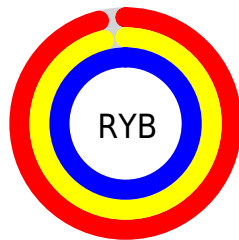
The XYZ color 88.3140, 92.3646, 107.7813 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.6935, 98.0400, 99.6276, and the grayscale version is 87.9152, 92.4936, 100.7255.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3455, 51.5955, 60.7842 is the 20% darker color. If you saturate the color by 10%, you get 74.0800, 76.1353, 105.3989, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

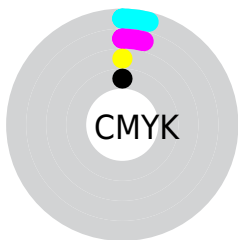
Distribution



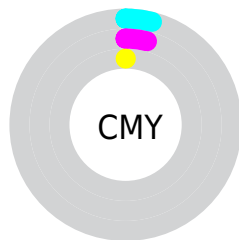
- Red (96%)
- Green (96%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3140, 92.3646, 107.7813 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 88.3140, 92.3646, 107.7813 by changing the saturation by 10% instead.

88.3140, 92.3646,
107.7813

88.3140, 92.3646,
107.7813

510.8510,
535.6932, 606.3209

66.9148, 69.9435,
82.1617

143.8845,
150.6186, 173.9549

49.2858, 51.4805,
60.9623

178.7866,
187.2203, 215.3460

35.0617, 36.5911,
43.7644

218.9203,
229.3177, 262.8313

23.8772, 24.8911,
30.1495

264.6510,
277.2951, 316.8295

15.3668, 15.9959,
19.6991

316.3440,
331.5370, 377.7590

9.1652, 9.5213,
11.9946

374.3648,

4.9071, 5.0827,

392.4277, 446.0384

6.6175

439.0787,
460.3516, 522.0862

■ 2.2270, 2.2959,
3.1493

■ 0.7569, 0.7715,
1.1713

■ 88.3140, 92.3646,
107.7813

■ 88.3140, 92.3646,
107.7813

■ 74.0800, 76.1353,
105.3989

95.0500, 100.0000,
108.9000

■ 61.7064, 61.8850,
103.3005

■ 51.1177, 49.5404,
101.4758

■ 42.2300, 39.0197,
99.9135

■ 34.9530, 30.2347,
98.6014

■ 29.1875, 23.0901,
97.5262

■ 24.8231, 17.4805,
96.6735

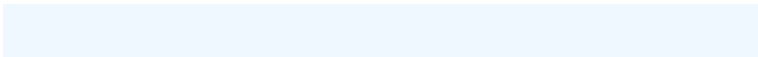
■ 21.7336, 13.2881,
96.0271

■ 19.7681, 10.3758,
95.5686

Harmonies

Analogous

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



87.0150, 92.3646, 107.5774



88.3140, 92.3646, 107.7813



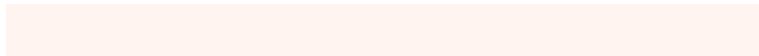
89.4838, 92.3646, 106.0178

Triad

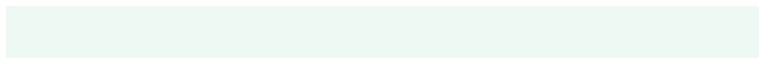
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3140, 92.3646, 107.7813



89.6722, 92.3646, 95.8253



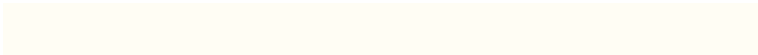
85.4192, 92.3646, 98.3603

Complementary

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



88.3140, 92.3646, 107.7813



92.6935, 98.0400, 99.6276

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.



86.1173, 92.3646, 95.3108



88.3140, 92.3646, 107.7813



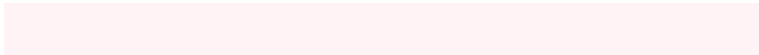
88.5691, 92.3646, 93.8725

Square

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



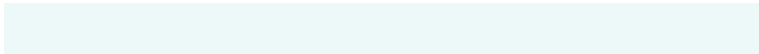
88.3140, 92.3646, 107.7813



90.2731, 92.3646, 99.0784



87.2676, 92.3646, 93.6865



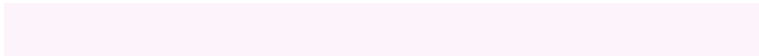
85.3524, 92.3646, 102.0751

Rectangle

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



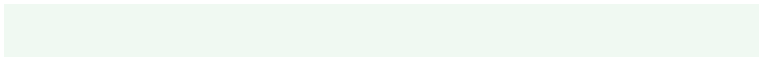
88.3140, 92.3646, 107.7813



90.0296, 92.3646, 103.9887



87.2676, 92.3646, 93.6865



85.5875, 92.3646, 97.2257

Sweetspot

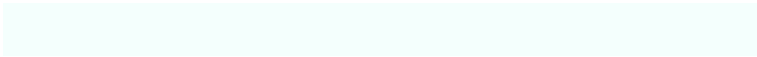
The Sweet Spot groups the original color and five complimentary colors.



88.3164, 92.3684, 107.7819



93.4564, 98.1962, 108.6358



90.7959, 97.8442, 107.0153



20.0203, 21.0371, 23.2553



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.



88.3164, 92.3684, 107.7819



87.2772, 91.1882, 107.6088



88.9302, 91.7849, 107.6369



18.4554, 19.2618, 22.9951



10.0280, 4.9655, 49.8645



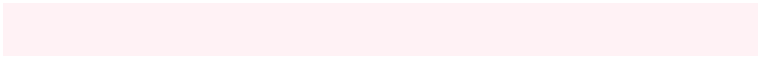
1.0452, 0.6210, 4.8781

Inverse Universe

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



90.2267, 92.6167, 100.3147



89.4829, 91.4797, 98.9859



92.0597, 98.6572, 99.7802



18.9917, 19.3339, 20.8985



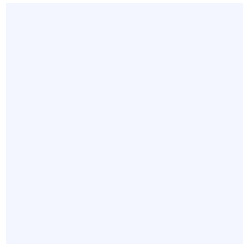
21.8499, 11.2292, 2.5938



2.1622, 1.1072, 0.4354

Previews

White Background



This preview shows how the XYZ color 88.3140, 92.3646, 107.7813 looks on a white background.

Color Contrast Check

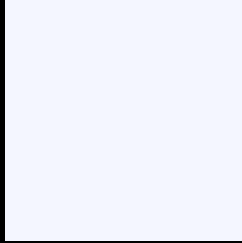
Large Text (above 18pt) WCAG AA × Fail

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 88.3140, 92.3646, 107.7813 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 88.3140, 92.3646, 107.7813

Background



This preview shows how black text looks on a background with the XYZ color 88.3140, 92.3646, 107.7813.

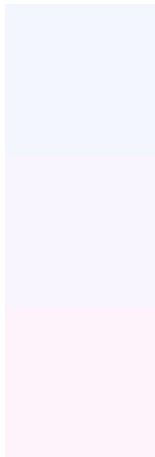


This preview shows how white text looks on a background with the XYZ color 88.3140, 92.3646,

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

88.3140, 92.3646, 107.7813

Protanopia

89.2532, 92.4170, 106.9001

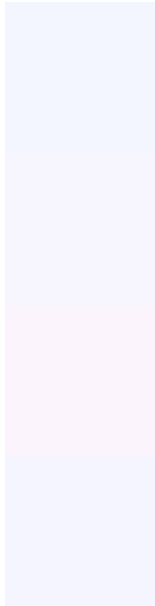
Deuteranopia

90.7032, 92.3262, 104.3070

Tritanopia

88.7084, 92.1176, 107.7128

Trichromacy



Original Color

88.3140, 92.3646, 107.7813

Protanomaly

88.8996, 92.2347, 106.8835

Deuteranomaly

89.7050, 92.2389, 105.1714

Tritanomaly

88.3586, 91.9373, 107.6964

Monochromacy



Original Color

88.3140, 92.3646, 107.7813

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7108, 92.1636, 102.7890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3140, 92.3646, 107.7813 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(244, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 246, 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(244, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.3140, 92.3646, 107.7813 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(244, 246, 255) }
```


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

```
.border{ border-color:rgb(244, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3140, 92.3646, 107.7813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 246, 255) }
```

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

```
.background{ background-color: rgb(244,  
246, 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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