

Converting Colors

XYZ(46.6080, 58.2667, 92.0092)

Have a look what the booklet for
XYZ(46.6080, 58.2667, 92.0092)
contains.

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Color

**XYZ(46.6080, 58.2667,
92.0092)**

Conversions

Conversions Part 1

Format	Color
Hex	6ED7F1
RGB	110, 215, 241
RGB Percent	43%, 84%, 95%
CMY	0.5686, 0.1568, 0.0549
CMYK	0.54, 0.11, 0.00, 0.05
HSL	192°, 82%, 69%
HSV	192°, 54%, 95%
XYZ	46.6080, 58.2667, 92.0092
YIQ	186.5690, -70.9260, -14.1740

Conversions

Conversions Part 2

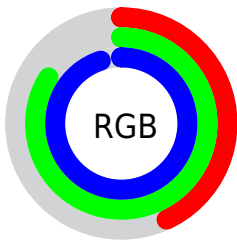
Format	Color
R _Y B	110, 168, 241
Decimal	7264241
CIE Lab	80.89, -23.33, -22.04
CIE LCh	81, 32.093, 223.367
Yxy	58.2667, 0.2367, 0.2959
Android (android.graphics.Color)	4285454321 (0xFF6ED7F1)
YUV	186.5690, 26.8345, -67.1510
Hunter-Lab	76.3326, -24.5916, -18.0337

Details

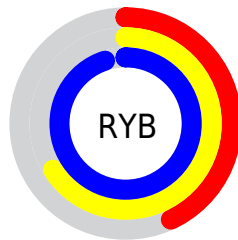
The XYZ color **46.6080, 58.2667, 92.0092** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **47.8957, 37.4365, 19.4552**, and the grayscale version is **46.8756, 49.3168, 53.7060**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **22.2422, 29.1158, 50.3466** is the 20% darker color. If you saturate the color by 10%, you get **42.8075, 54.5269, 91.4887**, and if you desaturate by 10%, it is **51.2630, 62.5023, 92.5825**.

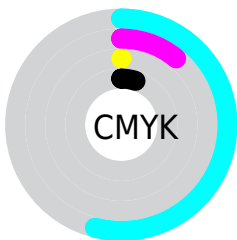
Distribution



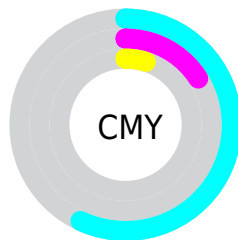
- Red (43%)
- Green (84%)
- Blue (95%)



- Red (43%)
- Yellow (66%)
- Blue (95%)



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (57%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6080, 58.2667, 92.0092 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 46.6080, 58.2667, 92.0092 by changing the saturation by 10% instead.

46.6080, 58.2667,
92.0092

46.6080, 58.2667,
92.0092

363.9227,
418.1790, 555.2831

32.9325, 42.0231,
69.0652

84.3505, 102.3111,
152.0859

22.2337, 29.1194,
50.2927

109.1482,
130.8808, 190.0558

14.1463, 19.1711,
35.2732

138.3841,
164.3278, 233.8713

8.3049, 11.7940,
23.5882

172.4234,
203.0368, 283.9510

4.3441, 6.6036,
14.8191

211.6316,
247.3920, 340.7136

1.8986, 3.2154,
8.5473

256.3740,

0.5760, 1.2452,

297.7778, 404.5774

4.3543

307.0159,
354.5787, 475.9610

■ 0.0000, 0.0982,
1.8217

■ 0.0000, 0.0000,
0.4422

■ 46.6080, 58.2667,
92.0092

■ 46.6080, 58.2667,
92.0092

■ 42.8075, 54.5269,
91.4887

■ 51.2630, 62.5023,
92.5825

■ 39.7879, 51.2409,
91.0136

■ 56.8275, 67.2589,
93.2073

■ 37.4720, 48.3696,
90.5815

■ 63.3582, 72.5673,
93.8877

■ 35.7633, 45.8629,
90.1877

■ 70.9055, 78.4539,
94.6262

■ 34.9851, 44.5664,
89.9784

■ 79.5161, 84.9433,
95.4249

■ 89.2340, 92.0585,
96.2861

■ 90.8340, 95.0442,
96.7781

■ 92.3273, 98.0307,
97.2758

■ 92.8774, 99.1310,
97.4592

Harmonies

Analogous

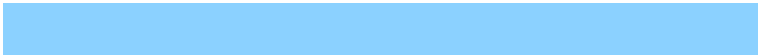
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.8646, 58.2667, 72.2773



46.6080, 58.2667, 92.0092



51.8060, 58.2667, 105.3233

Triad

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



46.6080, 58.2667, 92.0092



68.5371, 58.2667, 74.4949



52.4811, 58.2667, 34.1028

Complementary

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



46.6080, 58.2667, 92.0092



47.8957, 37.4365, 19.4552

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.



59.1162, 58.2667, 34.4606



46.6080, 58.2667, 92.0092



68.7543, 58.2667, 55.3587

Square

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



46.6080, 58.2667, 92.0092



64.6187, 58.2667, 93.9097



65.1905, 58.2667, 41.5007



47.0681, 58.2667, 40.4004

Rectangle

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



46.6080, 58.2667, 92.0092



56.1341, 58.2667, 107.3931



65.1905, 58.2667, 41.5007



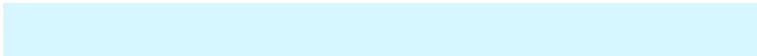
54.6342, 58.2667, 33.4933

Sweetspot

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



46.6098, 58.2689, 92.0106



79.0709, 88.0082, 107.4275



42.1915, 67.9487, 33.4540



16.5334, 18.5349, 22.9561



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.



46.6098, 58.2689, 92.0106



48.3428, 61.6542, 103.9603



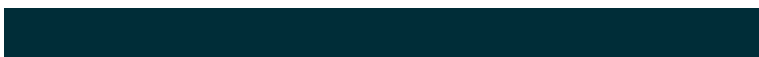
33.4539, 31.9570, 87.6253



15.9654, 17.3648, 20.2319



19.0687, 24.3617, 48.8251



1.6533, 2.1607, 4.0841

Inverse Universe

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



54.1189, 34.7607, 68.1493



58.0320, 33.7260, 72.6316



59.6341, 60.9133, 23.3680



16.3120, 15.9745, 19.1990



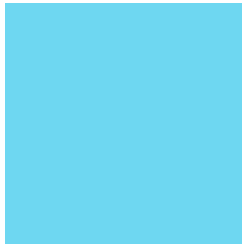
24.9506, 12.2527, 28.7202



2.1095, 1.0328, 2.5674

Previews

White Background



This preview shows how the XYZ color 46.6080, 58.2667, 92.0092 looks on a white background.

Color Contrast Check

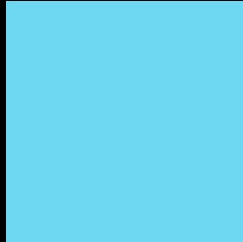
Large Text (above 18pt) WCAG AA × Fail

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 46.6080, 58.2667, 92.0092 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 46.6080, 58.2667, 92.0092

Background



This preview shows how black text looks on a background with the XYZ color 46.6080, 58.2667, 92.0092.



This preview shows how white text looks on a background with the XYZ color 46.6080, 58.2667,

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

46.6080, 58.2667, 92.0092

Protanopia

56.7251, 57.5707, 82.9854

Deuteranopia

58.7615, 57.3585, 94.3604



Tritanopia

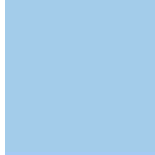
45.4706, 58.1780, 86.6748

Trichromacy



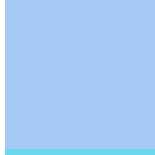
Original Color

46.6080, 58.2667, 92.0092



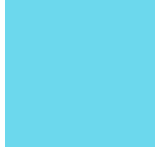
Protanomaly

51.5484, 56.9128, 86.1103



Deuteranomaly

52.9667, 56.7720, 93.7544



Tritanomaly

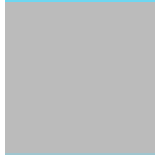
46.0263, 58.4143, 88.9700

Monochromacy



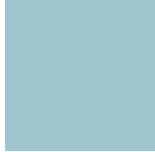
Original Color

46.6080, 58.2667, 92.0092



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

45.5268, 51.8084, 66.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6080, 58.2667, 92.0092 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(110, 215, 241)` looks like.

```
.text, #text, p{  
    color:rgb(110, 215, 241)  
}
```

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(110, 215, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 215, 241) }
```

Border

The CSS property to change the border of an element to XYZ 46.6080, 58.2667, 92.0092 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(110, 215, 241) }
```


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

```
.border{ border-color:rgb(110, 215, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 215, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 215, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 215, 241);  
box-shadow:4px 4px 4px 4px rgb(110, 215,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6080, 58.2667, 92.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 215, 241) }
```

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

```
.background{ background-color: rgb(110,  
215, 241) }
```

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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