

Converting Colors

XYZ(47.4031, 58.9621, 92.1071)

Have a look what the booklet for
XYZ(47.4031, 58.9621, 92.1071)
contains.

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Color

**XYZ(47.5033, 59.1074,
92.1243)**

Conversions

Conversions Part 1

Format	Color
Hex	73D8F1
RGB	115, 216, 241
RGB Percent	45%, 85%, 95%
CMY	0.5490, 0.1529, 0.0549
CMYK	0.52, 0.10, 0.00, 0.05
HSL	192°, 82%, 70%
HSV	192°, 52%, 95%
XYZ	47.5033, 59.1074, 92.1243
YIQ	188.6510, -68.2210, -13.6370

Conversions

Conversions Part 2

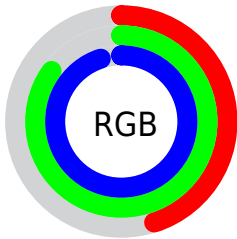
Format	Color
R _Y B	115, 171, 241
Decimal	7592177
CIE Lab	81.35, -22.82, -21.32
CIE LCh	81, 31.228, 223.048
Yxy	59.1074, 0.2390, 0.2974
Android (android.graphics.Color)	4285782257 (0xFF73D8F1)
YUV	188.6510, 25.8081, -64.5919
Hunter-Lab	76.8813, -24.2511, -17.2283

Details

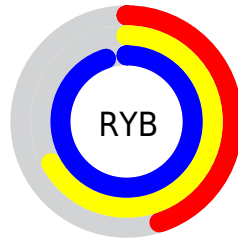
The XYZ color **47.5033, 59.1074, 92.1243** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **48.7497, 38.6964, 21.1213**, and the grayscale version is **48.0576, 50.5603, 55.0602**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **22.8172, 29.6706, 50.4234** is the 20% darker color. If you saturate the color by 10%, you get **43.5319, 55.2691, 91.5938**, and if you desaturate by 10%, it is **52.3423, 63.4485, 92.7082**.

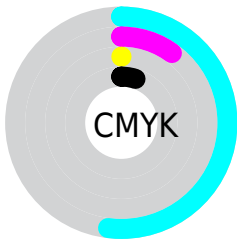
Distribution



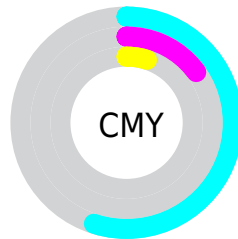
- Red (45%)
- Green (85%)
- Blue (95%)



- Red (45%)
- Yellow (67%)
- Blue (95%)



- Cyan (52%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5033, 59.1074, 92.1243 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 47.5033, 59.1074, 92.1243 by changing the saturation by 10% instead.

47.5033, 59.1074,
92.1243

47.5033, 59.1074,
92.1243

367.4354,
421.2998, 555.6646

33.6433, 42.6996,
69.1603

85.6786, 103.5337,
152.2468

22.7813, 29.6495,
50.3697

110.7246,
132.3211, 190.2424

14.5519, 19.5727,
35.3340

140.2300,
166.0037, 234.0856

8.5898, 12.0848,
23.6346

174.5602,
204.9659, 284.1950

4.5295, 6.8015,
14.8531

214.0804,
249.5923, 340.9890

2.0059, 3.3382,
8.5709

259.1561,

0.6373, 1.3108,

300.2671, 404.8863

4.3694

310.1527,
357.3748, 476.3053

■ 0.0000, 0.1495,
1.8301

■ 0.0000, 0.0000,
0.4477

■ 47.5033, 59.1074,
92.1243

■ 47.5033, 59.1074,
92.1243

■ 43.5319, 55.2691,
91.5938

■ 52.3423, 63.4485,
92.7082

■ 40.3563, 51.8922,
91.1094


■ 58.1026, 68.3165,
93.3443


■ 37.9018, 48.9392,
90.6688


■ 64.8398, 73.7420,
94.0364


■ 36.0766, 46.3621,
90.2675


■ 72.6036, 79.7510,
94.7871


 34.9884, 44.5729,
89.9795

 81.4400, 86.3675,
95.5984

 89.6770, 92.7301,
96.3924

 91.1399, 95.6560,
96.8801

 92.6405, 98.6572,
97.3803

 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.



44.8254, 59.1074, 72.8134



47.5033, 59.1074, 92.1243



52.6015, 59.1074, 105.1964

Triad

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



47.5033, 59.1074, 92.1243



69.0519, 59.1074, 75.4098



53.3953, 59.1074, 35.3233

Complementary

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



47.5033, 59.1074, 92.1243



48.7497, 38.6964, 21.1213

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.



59.9168, 59.1074, 35.7495



47.5033, 59.1074, 92.1243



69.3059, 59.1074, 56.5838

Square

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



47.5033, 59.1074, 92.1243



65.1840, 59.1074, 94.3394



65.8533, 59.1074, 42.8197



48.0456, 59.1074, 41.5146

Rectangle

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



47.5033, 59.1074, 92.1243



56.8494, 59.1074, 107.3055



65.8533, 59.1074, 42.8197



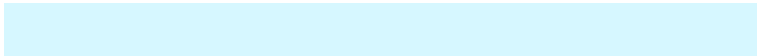
55.5155, 59.1074, 34.7389

Sweetspot

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



47.5052, 59.1096, 92.1257



79.0717, 88.0097, 107.4278



43.1219, 68.3947, 35.0135



16.5336, 18.5353, 22.9562



0.0000, 0.0000, 0.0000



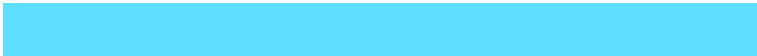
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5052, 59.1096, 92.1257



49.1235, 62.4610, 104.0748



34.6540, 33.4072, 87.8420



15.9654, 17.3650, 20.2319



19.0704, 24.3651, 48.8257



1.6535, 2.1609, 4.0842

Inverse Universe

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



54.8027, 35.9220, 69.0132



58.6102, 34.6623, 73.5026



60.2816, 61.7603, 24.9653



16.3120, 15.9745, 19.1992



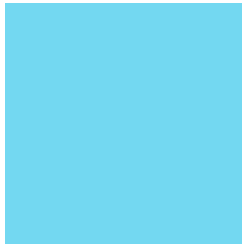
24.9515, 12.2530, 28.7249



2.1095, 1.0329, 2.5677

Previews

White Background



This preview shows how the XYZ color 47.5033, 59.1074, 92.1243 looks on a white background.

Color Contrast Check

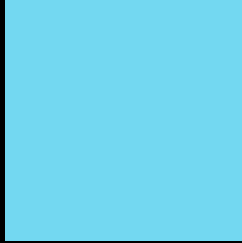
Large Text (above 18pt) WCAG AA × Fail

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 47.5033, 59.1074, 92.1243 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 47.5033, 59.1074, 92.1243

Background



This preview shows how black text looks on a background with the XYZ color 47.5033, 59.1074, 92.1243.



This preview shows how white text looks on a background with the XYZ color 47.5033, 59.1074,

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

47.5033, 59.1074, 92.1243

Protanopia

57.4713, 58.2958, 83.0861

Deuteranopia

59.7364, 58.5308, 94.5353



Tritanopia

46.6183, 59.1346, 87.5543

Trichromacy



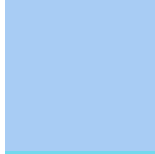
Original Color

47.5033, 59.1074, 92.1243



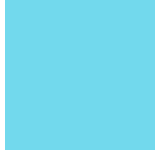
Protanomaly

52.6190, 57.8186, 86.2287



Deuteranomaly

54.0704, 58.0422, 93.9414



Tritanomaly

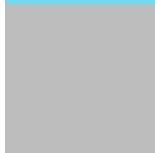
47.0383, 59.3175, 89.0910

Monochromacy



Original Color

47.5033, 59.1074, 92.1243



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

46.7089, 53.0823, 67.4586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5033, 59.1074, 92.1243 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(115, 216, 241)` looks like.

```
.text, #text, p{  
    color:rgb(115, 216, 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(115, 216, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 216, 241) }
```

Border

The CSS property to change the border of an element to XYZ 47.5033, 59.1074, 92.1243 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(115, 216, 241) }
```


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

```
.border{ border-color:rgb(115, 216, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 216, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 216, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 216, 241);  
box-shadow:4px 4px 4px 4px rgb(115, 216,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5033, 59.1074, 92.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 216, 241) }
```

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

```
.background{ background-color: rgb(115,  
216, 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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