

Converting Colors

XYZ(48.2419, 57.5736, 93.4174)

Have a look what the booklet for
XYZ(48.2419, 57.5736, 93.4174)
contains.

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Color

**XYZ(48.2243, 57.5716,
93.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD3F3
RGB	127, 211, 243
RGB Percent	50%, 83%, 95%
CMY	0.5019, 0.1725, 0.0471
CMYK	0.48, 0.13, 0.00, 0.05
HSL	197°, 83%, 73%
HSV	197°, 48%, 95%
XYZ	48.2243, 57.5716, 93.3648
YIQ	189.5320, -60.3360, -7.8560

Conversions

Conversions Part 2

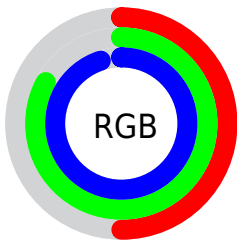
Format	Color
R_{YB}	127, 176, 243
Decimal	8377331
CIE _{Lab}	80.50, -17.16, -23.63
CIE _{LCh}	81, 29.200, 234.016
Yxy	57.5716, 0.2421, 0.2891
Android (android.graphics.Color)	4286567411 (0xFF7FD3F3)
YUV	189.5320, 26.3597, -54.8406
Hunter-Lab	75.8760, -19.3341, -19.8427

Details

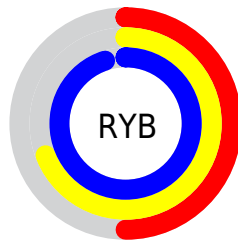
The XYZ color **48.2243, 57.5716, 93.3648** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.1924, 45.3847, 26.0370**, and the grayscale version is **48.5545, 51.0831, 55.6295**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **23.1728, 28.5581, 51.3046** is the 20% darker color. If you saturate the color by 10%, you get **43.4019, 52.6658, 92.6731**, and if you desaturate by 10%, it is **53.9925, 63.0705, 94.1232**.

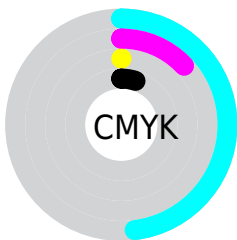
Distribution



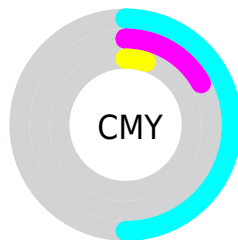
- Red (50%)
- Green (83%)
- Blue (95%)



- Red (50%)
- Yellow (69%)
- Blue (95%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2243, 57.5716, 93.3648 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 48.2243, 57.5716, 93.3648 by changing the saturation by 10% instead.

■ 48.2243, 57.5716,
93.3648

■ 48.2243, 57.5716,
93.3648

370.2483,
415.5877, 559.7668

■ 34.2165, 41.4643,
70.1854

■ 86.7459, 101.2987,
153.9796

■ 23.2237, 28.6821,
51.2000

■ 111.9905,
129.6874, 192.2522

■ 14.8804, 18.8405,
35.9899

■ 141.7115,
162.9387, 236.3928

■ 8.8212, 11.5551,
24.1368

176.2741,
201.4369, 286.8201

■ 4.6809, 6.4415,
15.2220

216.0437,
245.5666, 343.9526

■ 2.0941, 3.1153,
8.8270

261.3857,

■ 0.6860, 1.1922,

295.7120, 408.2089

4.5332

312.6655,
352.2576, 480.0074

■ 0.0000, 0.0554,
1.9222

■ 0.0000, 0.0000,
0.5068

■ 48.2243, 57.5716,
93.3648

■ 48.2243, 57.5716,
93.3648

■ 43.4019, 52.6658,
92.6731

■ 53.9925, 63.0705,
94.1232

■ 39.4551, 48.3121,
92.0408

■ 60.7592, 69.1873,
94.9472

■ 36.3124, 44.4735,
91.4655

■ 68.5797, 75.9527,
95.8409

■ 33.8876, 41.1043,
90.9430

■ 77.5033, 83.3936,
96.8068

■ 32.0653, 38.1437,
90.4676

■ 87.5762, 91.5348,
97.8473

■ 31.6970, 37.5095,
90.3646

■ 91.9848, 96.8650,
98.6438

■ 93.1779, 99.2511,
99.0415

Harmonies

Analogous

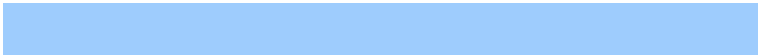
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.8540, 57.5716, 77.1006



48.2243, 57.5716, 93.3648



53.5274, 57.5716, 101.5735

Triad

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



48.2243, 57.5716, 93.3648



67.0005, 57.5716, 66.1899



50.1625, 57.5716, 37.1128

Complementary

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



48.2243, 57.5716, 93.3648



53.1924, 45.3847, 26.0370

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.



55.9303, 57.5716, 35.2569



48.2243, 57.5716, 93.3648



65.9362, 57.5716, 50.1897

Square

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



48.2243, 57.5716, 93.3648



64.5851, 57.5716, 84.1465



61.7745, 57.5716, 39.5921



45.9145, 57.5716, 45.2244

Rectangle

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



48.2243, 57.5716, 93.3648



57.5589, 57.5716, 100.4701



61.7745, 57.5716, 39.5921



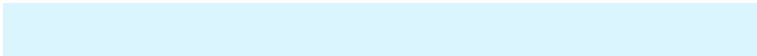
51.9762, 57.5716, 35.8067

Sweetspot

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



48.2261, 57.5738, 93.3662



80.0522, 87.7235, 107.3209



46.9703, 71.0809, 43.5639



16.6874, 18.4005, 22.9221



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.



48.2261, 57.5738, 93.3662



48.7131, 59.0649, 103.4410



36.4983, 34.1182, 89.4569



16.5877, 17.9396, 21.1310



17.5150, 20.8237, 49.6343



1.6251, 2.0017, 4.3909

Inverse Universe

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



56.3109, 38.9383, 66.1782



59.0317, 37.2379, 68.3021



65.3331, 69.6661, 30.0839



17.0072, 16.6857, 19.7845



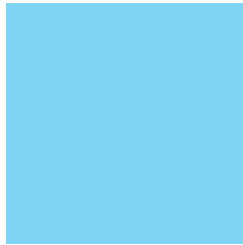
24.6453, 12.2015, 23.9040



2.2094, 1.0897, 2.3289

Previews

White Background



This preview shows how the XYZ color 48.2243, 57.5716, 93.3648 looks on a white background.

Color Contrast Check

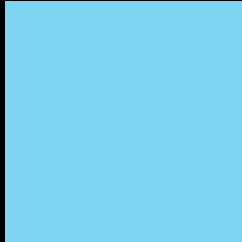
Large Text (above 18pt) WCAG AA × Fail

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 48.2243, 57.5716, 93.3648 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

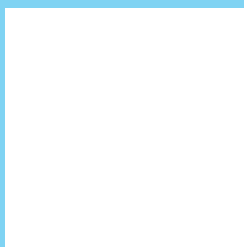
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2243, 57.5716, 93.3648

Background



This preview shows how black text looks on a background with the XYZ color 48.2243, 57.5716, 93.3648.



This preview shows how white text looks on a background with the XYZ color 48.2243, 57.5716,

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

48.2243, 57.5716, 93.3648

Protanopia

56.5558, 57.0795, 85.8785

Deuteranopia

58.5517, 57.2149, 95.9533



Tritanopia

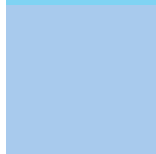
46.2456, 57.5126, 83.5266

Trichromacy



Original Color

48.2243, 57.5716, 93.3648



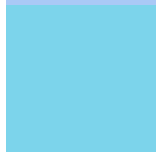
Protanomaly

52.5550, 56.6803, 88.2912



Deuteranomaly

54.0988, 56.9732, 95.3344



Tritanomaly

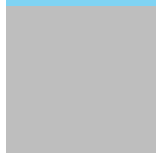
46.8511, 57.3702, 87.2015

Monochromacy



Original Color

48.2243, 57.5716, 93.3648



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

47.6391, 53.2071, 68.0808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2243, 57.5716, 93.3648 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(127, 211, 243)` looks like.

```
.text, #text, p{  
    color:rgb(127, 211, 243)  
}
```

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(127, 211, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 211, 243) }
```

Border

The CSS property to change the border of an element to XYZ 48.2243, 57.5716, 93.3648 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(127, 211, 243) }
```


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

```
.border{ border-color:rgb(127, 211, 243) }
```

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

Here you see how a box with a 4 pixel rgb(127, 211, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 211, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 211, 243);  
box-shadow:4px 4px 4px 4px rgb(127, 211,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2243, 57.5716, 93.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 211, 243) }
```

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

```
.background{ background-color: rgb(127,  
211, 243) }
```

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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