

Converting Colors

XYZ(48.5315, 61.9786, 91.8433)

Have a look what the booklet for
XYZ(48.5315, 61.9786, 91.8433)
contains.

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Color

**XYZ(48.5315, 61.9786,
91.8433)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70DEF0 |
| RGB | 112, 222, 240 |
| RGB Percent | 44%, 87%, 94% |
| CMY | 0.5608, 0.1294, 0.0588 |
| CMYK | 0.53, 0.07, 0.00, 0.06 |
| HSL | 188°, 81%, 69% |
| HSV | 188°, 53%, 94% |
| XYZ | 48.5315, 61.9786, 91.8433 |
| YIQ | 191.1620, -71.3380, -17.7220 |

Conversions

Conversions Part 2

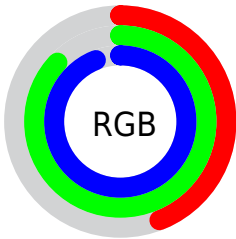
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 112, 171, 240 |
| Decimal | 7397104 |
| CIE _{Lab} | 82.90, -26.67, -18.45 |
| CIE _{LCh} | 83, 32.426, 214.678 |
| Yxy | 61.9786, 0.2398, 0.3063 |
| Android (android.graphics.Color) | 4285587184 (0xFF70DEF0) |
| YUV | 191.1620, 24.0771, -69.4251 |
| Hunter-Lab | 78.7265, -27.7338, -14.0599 |

Details

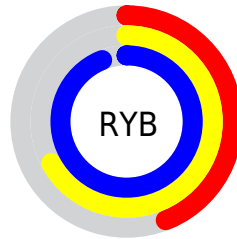
The XYZ color **48.5315, 61.9786, 91.8433** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **46.8437, 35.6616, 19.7453**, and the grayscale version is **49.5113, 52.0898, 56.7258**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **23.5092, 31.6336, 50.2142** is the 20% darker color. If you saturate the color by 10%, you get **44.9882, 58.8360, 91.4246**, and if you desaturate by 10%, it is **52.9103, 65.5813, 92.3090**.

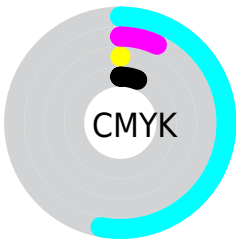
Distribution



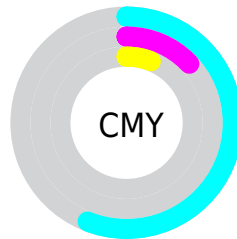
- Red (44%)
- Green (87%)
- Blue (94%)



- Red (44%)
- Yellow (67%)
- Blue (94%)



- Cyan (53%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5315, 61.9786, 91.8433 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 48.5315, 61.9786, 91.8433 by changing the saturation by 10% instead.

48.5315, 61.9786,
91.8433

48.5315, 61.9786,
91.8433

371.4426,
431.8530, 554.7330

34.4610, 45.0154,
68.9282

87.2001, 107.6946,
151.8540

23.4125, 31.4696,
50.1818

112.5290,
137.2162, 189.7867

15.0208, 20.9567,
35.1857

142.3413,
171.6927, 233.5623

8.9204, 13.0923,
23.5213

177.0025,
211.5086, 283.5993

4.7460, 7.4922,
14.7700

216.8778,
257.0481, 340.3164

2.1322, 3.7718,
8.5133

262.3327,

0.7066, 1.5467,

308.6958, 404.1320

4.3327

313.7326,
366.8360, 475.4647

■ 0.0000, 0.3213,
1.8096

■ 0.0000, 0.0000,
0.4342

■ 48.5315, 61.9786,
91.8433

■ 48.5315, 61.9786,
91.8433

■ 44.9882, 58.8360,
91.4246

■ 52.9103, 65.5813,
92.3090

■ 42.2083, 56.1120,
91.0453

■ 58.1778, 69.6676,
92.8201

■ 40.1170, 53.7693,
90.7034

■ 64.3896, 74.2676,
93.3806

■ 38.6213, 51.7598,
90.3943

■ 71.5949, 79.4070,
93.9929

■ 37.8610, 50.5565,
90.2021

■ 79.8397, 85.1093,
94.6590

■ 88.7956, 91.2057,
95.3637

■ 89.8107, 93.2360,
95.7021

■ 90.8445, 95.3036,
96.0466

■ 91.8970, 97.4086,
96.3975

Harmonies

Analogous

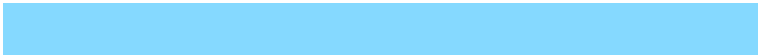
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.5013, 61.9786, 70.6730



48.5315, 61.9786, 91.8433



53.3446, 61.9786, 108.6069

Triad

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



48.5315, 61.9786, 91.8433



71.9141, 61.9786, 85.3250



57.8192, 61.9786, 35.9273

Complementary

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



48.5315, 61.9786, 91.8433



46.8437, 35.6616, 19.7453

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.



64.8471, 61.9786, 38.3242



48.5315, 61.9786, 91.8433



73.3475, 61.9786, 64.3927

Square

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



48.5315, 61.9786, 91.8433



66.8928, 61.9786, 104.3517



70.6690, 61.9786, 47.8647



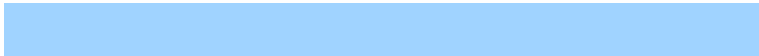
51.5868, 61.9786, 40.5180

Rectangle

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



48.5315, 61.9786, 91.8433



57.6708, 61.9786, 113.5313



70.6690, 61.9786, 47.8647



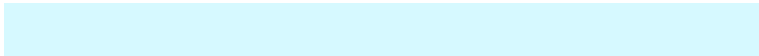
60.1644, 61.9786, 35.9521

Sweetspot

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



48.5334, 61.9809, 91.8448



79.7970, 89.4603, 107.6696



41.8105, 67.3530, 31.5906



16.7080, 18.8840, 23.0143



0.0000, 0.0000, 0.0000



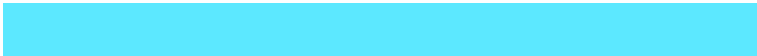
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5334, 61.9809, 91.8448



51.3149, 67.2276, 104.8794



34.7985, 34.5112, 87.2665



16.0469, 17.5278, 20.2591



20.7998, 27.8239, 49.4022



1.7819, 2.4178, 4.1270

Inverse Universe

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



54.9158, 35.3892, 73.0462



59.6227, 34.7088, 79.9397



57.9460, 57.8662, 23.4460



16.3531, 15.9909, 19.4156



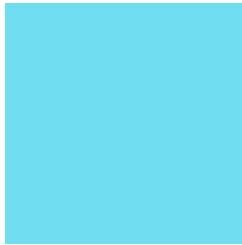
25.8244, 12.6022, 33.3215



2.1744, 1.0588, 2.9090

Previews

White Background



This preview shows how the XYZ color 48.5315, 61.9786, 91.8433 looks on a white background.

Color Contrast Check

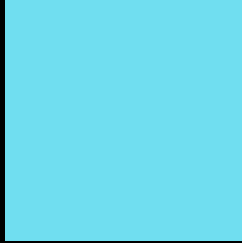
Large Text (above 18pt) WCAG AA × Fail

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 48.5315, 61.9786, 91.8433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

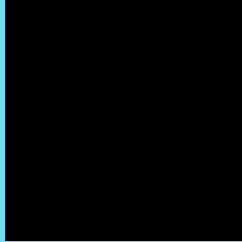
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5315, 61.9786, 91.8433

Background



This preview shows how black text looks on a background with the XYZ color 48.5315, 61.9786, 91.8433.



This preview shows how white text looks on a background with the XYZ color 48.5315, 61.9786,

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

48.5315, 61.9786, 91.8433

Protanopia

59.9536, 61.3437, 82.0794

Deuteranopia

62.5893, 61.0229, 94.8660



Tritanopia

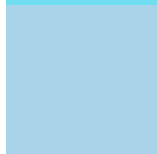
48.5315, 61.9786, 91.8433

Trichromacy



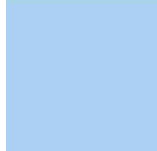
Original Color

48.5315, 61.9786, 91.8433



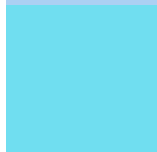
Protanomaly

54.2219, 60.8497, 85.2313



Deuteranomaly

55.7468, 60.3535, 93.5052



Tritanomaly

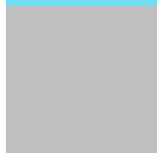
48.5315, 61.9786, 91.8433

Monochromacy



Original Color

48.5315, 61.9786, 91.8433



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

47.5294, 54.5259, 68.3411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5315, 61.9786, 91.8433 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(112, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(112, 222, 240)  
}
```

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(112, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 48.5315, 61.9786, 91.8433 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(112, 222, 240) }
```


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

```
.border{ border-color:rgb(112, 222, 240) }
```

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

Here you see how a box with a 4 pixel rgb(112, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(112, 222,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5315, 61.9786, 91.8433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 222, 240) }
```

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

```
.background{ background-color: rgb(112,  
222, 240) }
```

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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