

Converting Colors

XYZ(37.0718, 46.9225, 74.8132)

Have a look what the booklet for
XYZ(37.0718, 46.9225, 74.8132)
contains.

| | |
|------------------------------------------------|----|
| XYZ(37.0718, 46.9225, 74.8132) | 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(37.0718, 46.9225,
74.8132)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CC4DC |
| RGB | 92, 196, 220 |
| RGB Percent | 36%, 77%, 86% |
| CMY | 0.6392, 0.2314, 0.1373 |
| CMYK | 0.58, 0.11, 0.00, 0.14 |
| HSL | 191°, 65%, 61% |
| HSV | 191°, 58%, 86% |
| XYZ | 37.0718, 46.9225, 74.8132 |
| YIQ | 167.6400, -69.6880, -14.5840 |

Conversions

Conversions Part 2

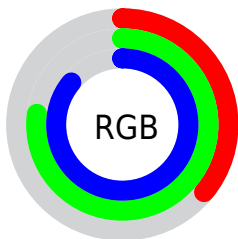
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 92, 149, 220 |
| Decimal | 6079708 |
| CIE _{Lab} | 74.14, -23.22, -21.07 |
| CIE _{LCh} | 74, 31.351, 222.223 |
| Yxy | 46.9225, 0.2334, 0.2955 |
| Android (android.graphics.Color) | 4284269788 (0xFF5CC4DC) |
| YUV | 167.6400, 25.8135, -66.3363 |
| Hunter-Lab | 68.5000, -23.2718, -16.8044 |

Details

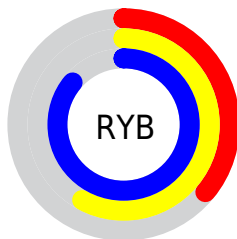
The XYZ color **37.0718, 46.9225, 74.8132** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **37.6935, 28.4804, 13.6372**, and the grayscale version is **36.9466, 38.8707, 42.3302**.

A 20% lighter version of the original color is **66.1242, 84.1460, 107.3644**, and **16.5271, 22.0949, 38.9910** is the 20% darker color. If you saturate the color by 10%, you get **34.2676, 44.1155, 74.4201**, and if you desaturate by 10%, it is **40.5426, 50.1130, 75.2470**.

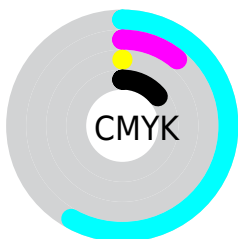
Distribution



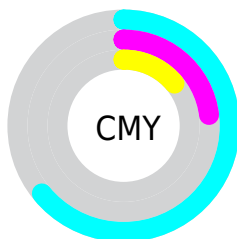
- Red (36%)
- Green (77%)
- Blue (86%)



- Red (36%)
- Yellow (58%)
- Blue (86%)



- Cyan (58%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (64%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0718, 46.9225, 74.8132 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 37.0718, 46.9225, 74.8132 by changing the saturation by 10% instead.

■ 37.0718, 46.9225,
74.8132

■ 37.0718, 46.9225,
74.8132

324.9714,
374.5051, 496.5135

■ 25.4370, 32.9744,
54.9591

■ 69.9963, 85.5979,
127.7926

■ 16.5334, 22.1068,
38.9706

■ 92.0168, 111.0940,
161.7549

■ 9.9956, 13.9354,
26.4292

■ 118.2298,
141.2083, 201.2570

■ 5.4583, 8.0758,
16.9163

■ 149.0008,
176.3250, 246.7175

■ 2.5561, 4.1435,
10.0135

184.6951,
216.8287, 298.5548

■ 0.9236, 1.7541,
5.3022

225.6781,

■ 0.0000, 0.4583,

263.1037, 357.1876

2.3638

272.3150,
315.5343, 423.0343

■ 0.0000, 0.0000,
0.7666

■ 0.0000, 0.0000,
0.0000

■ 37.0718, 46.9225,
74.8132

■ 37.0718, 46.9225,
74.8132

■ 34.2676, 44.1155,
74.4201

■ 40.5426, 50.1130,
75.2470

■ 32.0682, 41.6571,
74.0615

■ 44.7258, 53.7081,
75.7204

■ 30.4080, 39.5139,
73.7353

■ 49.6683, 57.7333,
76.2368

■ 29.1898, 37.6357,
73.4370

■ 55.4116, 62.2101,
76.7982

■ 28.9890, 37.3085,
73.3844

■ 61.9942, 67.1587,
77.4065

■ 69.4520, 72.5979,
78.0633

■ 77.8188, 78.5454,
78.7703

■ 82.1783, 82.4671,
79.2975

■ 83.3333, 84.7770,
79.6825

Harmonies

Analogous

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



34.8573, 46.9225, 57.9205



37.0718, 46.9225, 74.8132



41.3828, 46.9225, 86.5516

Triad

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



37.0718, 46.9225, 74.8132



55.6892, 46.9225, 61.1238



42.3515, 46.9225, 26.4385

Complementary

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



37.0718, 46.9225, 74.8132



37.6935, 28.4804, 13.6372

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.



47.9764, 46.9225, 26.9414



37.0718, 46.9225, 74.8132



56.0038, 46.9225, 44.8199

Square

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



37.0718, 46.9225, 74.8132



52.2542, 46.9225, 77.5780



53.0805, 46.9225, 33.0017



37.7295, 46.9225, 31.4441

Rectangle

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



37.0718, 46.9225, 74.8132



45.0186, 46.9225, 88.6329



53.0805, 46.9225, 33.0017



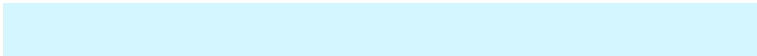
44.1809, 46.9225, 26.0041

Sweetspot

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



37.0733, 46.9243, 74.8143



78.3223, 87.6085, 107.3898



33.1295, 54.7114, 25.1766



16.3911, 18.4664, 22.9504



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.



37.0733, 46.9243, 74.8143



47.0677, 60.7717, 103.8571



25.6570, 24.0918, 71.0089



13.2265, 14.3928, 16.7331



17.0901, 22.0496, 43.0937



1.1619, 1.5380, 2.8101

Inverse Universe

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



43.3074, 26.8568, 55.1277



56.9813, 31.7469, 71.9038



47.6619, 48.4173, 16.9600



13.5042, 13.2308, 15.9164



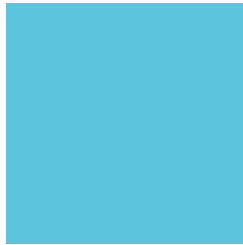
22.1216, 10.8497, 26.0842



1.4608, 0.7139, 1.8354

Previews

White Background



This preview shows how the XYZ color 37.0718, 46.9225, 74.8132 looks on a white background.

Color Contrast Check

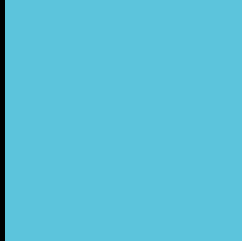
Large Text (above 18pt) WCAG AA × Fail

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 37.0718, 46.9225, 74.8132 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 37.0718, 46.9225, 74.8132

Background



This preview shows how black text looks on a background with the XYZ color 37.0718, 46.9225, 74.8132.



This preview shows how white text looks on a background with the XYZ color 37.0718, 46.9225,

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

37.0718, 46.9225, 74.8132

Protanopia

45.7344, 46.4761, 66.8819

Deuteranopia

47.3081, 46.1732, 76.9399



Tritanopia

36.0963, 46.8604, 70.0933

Trichromacy



Original Color

37.0718, 46.9225, 74.8132



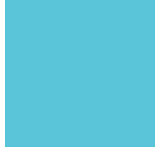
Protanomaly

41.2462, 45.9416, 69.6445



Deuteranomaly

42.3138, 45.7197, 76.4066



Tritanomaly

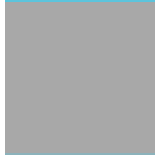
36.5774, 47.0640, 72.1222

Monochromacy



Original Color

37.0718, 46.9225, 74.8132



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.7053, 41.0041, 53.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0718, 46.9225, 74.8132 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(92, 196, 220)` looks like.

```
.text, #text, p{  
    color:rgb(92, 196, 220)  
}
```

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(92, 196, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 196, 220) }
```

Border

The CSS property to change the border of an element to XYZ 37.0718, 46.9225, 74.8132 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(92, 196, 220) }
```


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

```
.border{ border-color:rgb(92, 196, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 196, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 196, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 196, 220);  
box-shadow:4px 4px 4px 4px rgb(92, 196,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0718, 46.9225, 74.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 196, 220) }
```

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

```
.background{ background-color: rgb(92, 196,  
220) }
```

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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