

Converting Colors

XYZ(37.3947, 46.2770, 57.1289)

Have a look what the booklet for
XYZ(37.3947, 46.2770, 57.1289)
contains.

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Color

**XYZ(37.3774, 46.1387,
57.3877)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80C0C1 |
| RGB | 128, 192, 193 |
| RGB Percent | 50%, 75%, 76% |
| CMY | 0.4980, 0.2470, 0.2431 |
| CMYK | 0.34, 0.01, 0.00, 0.24 |
| HSL | 181°, 34%, 63% |
| HSV | 181°, 34%, 76% |
| XYZ | 37.3774, 46.1387, 57.3877 |
| YIQ | 172.9780, -38.4650, -13.2570 |

Conversions

Conversions Part 2

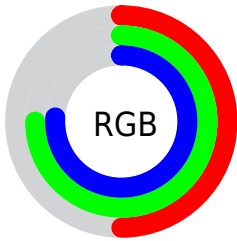
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 128, 160, 193 |
| Decimal | 8437953 |
| CIE _{Lab} | 73.64, -20.04, -7.01 |
| CIE _{LCh} | 74, 21.231, 199.279 |
| Yxy | 46.1387, 0.2653, 0.3274 |
| Android (android.graphics.Color) | 4286628033 (0xFF80C0C1) |
| YUV | 172.9780, 9.8708, -39.4457 |
| Hunter-Lab | 67.9255, -20.6463, -2.5441 |

Details

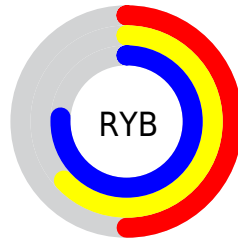
The XYZ color **37.3774, 46.1387, 57.3877** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7396, 28.5971, 24.1648**, and the grayscale version is **39.6757, 41.7420, 45.4570**.

A 20% lighter version of the original color is **70.5030, 84.6582, 102.2473**, and **16.7238, 21.5663, 28.0922** is the 20% darker color. If you saturate the color by 10%, you get **34.6814, 44.6535, 57.2439**, and if you desaturate by 10%, it is **40.6284, 47.9125, 57.5595**.

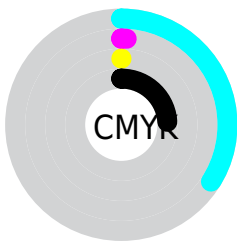
Distribution



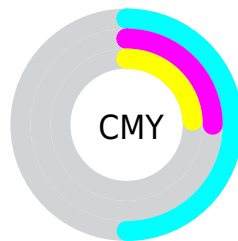
- Red (50%)
- Green (75%)
- Blue (76%)



- Red (50%)
- Yellow (63%)
- Blue (76%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3774, 46.1387, 57.3877 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 37.3774, 46.1387, 57.3877 by changing the saturation by 10% instead.

■ 37.3774, 46.1387,
57.3877

■ 37.3774, 46.1387,
57.3877

326.2688,
371.3660, 432.4349

■ 25.6748, 32.3553,
40.9052

■ 70.4629, 84.4265,
102.5366

■ 16.7119, 21.6330,
27.9258

■ 92.5766, 109.6997,
132.0401

■ 10.1234, 13.5875,
18.0312

■ 118.8913,
139.5717, 166.7209

■ 5.5437, 7.8343,
10.8027

149.7725,
174.4267, 206.9977

■ 2.6077, 3.9891,
5.8218

185.5855,
214.6493, 253.2889

■ 0.9499, 1.6675,
2.6700

226.6957,

■ 0.0000, 0.4025,

260.6238, 306.0132

0.9283

273.4683,
312.7345, 365.5890

■ 0.0000, 0.0000,
0.0000

■ 37.3774, 46.1387,
57.3877

■ 37.3774, 46.1387,
57.3877

■ 34.6814, 44.6535,
57.2439

■ 40.6284, 47.9125,
57.5595

■ 32.5049, 43.4352,
57.1235

■ 44.4593, 49.9842,
57.7575

■ 30.8148, 42.4678,
57.0258

■ 48.8983, 52.3697,
57.9840

■ 29.5723, 41.7314,
56.9492

■ 53.9706, 55.0818,
58.2401

■ 28.7328, 41.2029,
56.8914

■ 59.7000, 58.1329,
58.5271

■ 28.2426, 40.8547,
56.8500

■ 66.1092, 61.5346,
58.8459

■ 28.0475, 40.6938,
56.8292

■ 70.1748, 63.7284,
59.0550

■ 70.2409, 63.8605,
59.0770

■ 70.3071, 63.9929,
59.0991

Harmonies

Analogous

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



37.1270, 46.1387, 46.4832



37.3774, 46.1387, 57.3877



39.3043, 46.1387, 67.6191

Triad

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



37.3774, 46.1387, 57.3877



49.5638, 46.1387, 64.9908



45.2121, 46.1387, 32.5168

Complementary

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



37.3774, 46.1387, 57.3877



33.7396, 28.5971, 24.1648

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.



48.7408, 46.1387, 36.1228



37.3774, 46.1387, 57.3877



51.3469, 46.1387, 54.1881

Square

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



37.3774, 46.1387, 57.3877



46.2839, 46.1387, 72.4240



51.0374, 46.1387, 43.7068



41.5096, 46.1387, 33.1188

Rectangle

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



37.3774, 46.1387, 57.3877



41.3450, 46.1387, 72.1967



51.0374, 46.1387, 43.7068



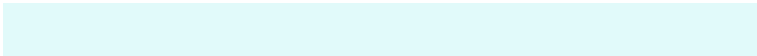
46.4614, 46.1387, 33.2540

Sweetspot

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



37.3788, 46.1405, 57.3888



82.2984, 90.9600, 103.5797



31.8693, 44.2885, 27.2921



17.4216, 19.3880, 22.2093



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.3788, 46.1405, 57.3888



63.4861, 80.7339, 102.5974



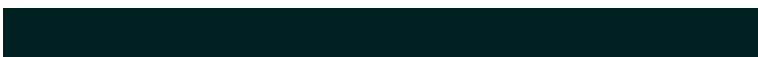
31.1864, 33.7559, 55.3247



10.3549, 11.4010, 12.9397



18.6604, 27.0773, 37.7996



0.8106, 1.1785, 1.6346

Inverse Universe

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



39.2271, 30.5828, 53.7067



67.2853, 48.8991, 94.9966



38.5472, 38.2124, 25.7673



10.4904, 10.2448, 12.6731



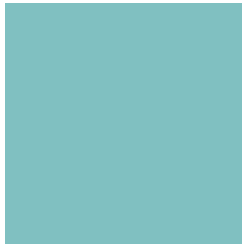
20.8149, 10.0157, 33.2669



0.9015, 0.4336, 1.4488

Previews

White Background



This preview shows how the XYZ color 37.3774, 46.1387, 57.3877 looks on a white background.

Color Contrast Check

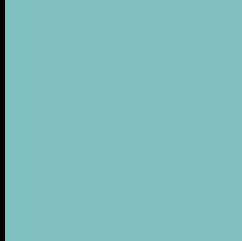
Large Text (above 18pt) WCAG AA × Fail

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 37.3774, 46.1387, 57.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

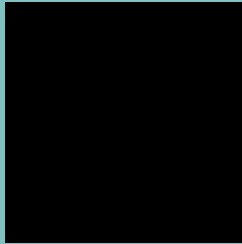
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3774, 46.1387, 57.3877

Background



This preview shows how black text looks on a background with the XYZ color 37.3774, 46.1387, 57.3877.

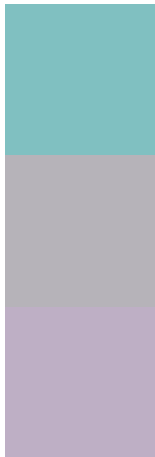


This preview shows how white text looks on a background with the XYZ color 37.3774, 46.1387,

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

37.3774, 46.1387, 57.3877

Protanopia

44.1685, 45.6881, 52.3897

Deuteranopia

46.6432, 45.6383, 59.1740



Tritanopia

38.7930, 46.0600, 64.6035

Trichromacy



Original Color

37.3774, 46.1387, 57.3877

Protanomaly

41.1179, 45.5932, 54.2102

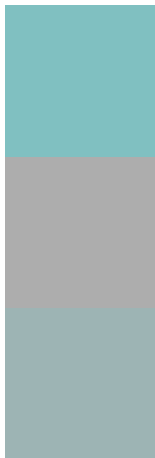
Deuteranomaly

42.4240, 45.2488, 58.7225

Tritanomaly

38.3793, 46.2245, 62.1578

Monochromacy



Original Color

37.3774, 46.1387, 57.3877

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.4641, 43.1059, 49.4730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3774, 46.1387, 57.3877 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(128, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(128, 192, 193)  
}
```

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(128, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 37.3774, 46.1387, 57.3877 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(128, 192, 193) }
```


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

```
.border{ border-color:rgb(128, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(128, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3774, 46.1387, 57.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 192, 193) }
```

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

```
.background{ background-color: rgb(128,  
192, 193) }
```

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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