

Converting Colors

XYZ(37.2854, 48.1935, 61.1259)

Have a look what the booklet for
XYZ(37.2854, 48.1935, 61.1259)
contains.

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Color

**XYZ(37.4143, 48.4151,
61.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	70C7C7
RGB	112, 199, 199
RGB Percent	44%, 78%, 78%
CMY	0.5608, 0.2196, 0.2196
CMYK	0.44, 0.00, 0.00, 0.22
HSL	180°, 44%, 61%
HSV	180°, 44%, 78%
XYZ	37.4143, 48.4151, 61.4059
YIQ	172.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

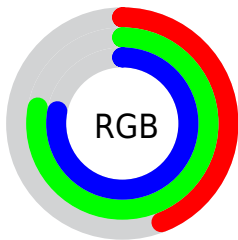
Format	Color
RYB	112, 156, 199
Decimal	7391175
CIELab	75.09, -26.17, -8.19
CIElCh	75, 27.425, 197.385
Yxy	48.4151, 0.2541, 0.3288
Android (android.graphics.Color)	4285581255 (0xFF70C7C7)
YUV	172.9870, 12.8244, -53.4856
Hunter-Lab	69.5810, -25.7856, -3.6174

Details

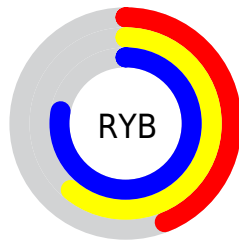
The XYZ color **37.4143, 48.4151, 61.4059** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.2736, 24.9017, 18.4365**, and the grayscale version is **39.6707, 41.7367, 45.4512**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **16.7576, 23.0794, 30.3596** is the 20% darker color. If you saturate the color by 10%, you get **35.1571, 47.2526, 61.3010**, and if you desaturate by 10%, it is **40.2340, 49.8698, 61.5392**.

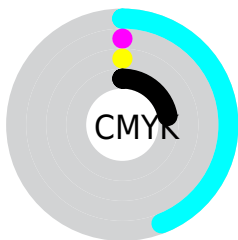
Distribution



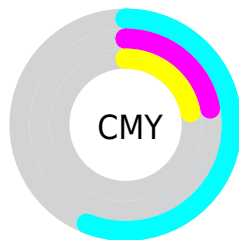
- Red (44%)
- Green (78%)
- Blue (78%)



- Red (44%)
- Yellow (61%)
- Blue (78%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4143, 48.4151, 61.4059 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 37.4143, 48.4151, 61.4059 by changing the saturation by 10% instead.

■ 37.4143, 48.4151,
61.4059

■ 37.4143, 48.4151,
61.4059

326.4252,
380.4351, 447.7084

■ 25.7036, 34.1557,
44.1201

■ 70.5192, 87.8221,
108.4297

■ 16.7335, 23.0133,
30.4271

■ 92.6441, 113.7386,
139.0048

■ 10.1388, 14.6033,
19.9082

■ 118.9711,
144.3095, 174.8467

■ 5.5541, 8.5414,
12.1449

149.8656,
179.9193, 216.3741

■ 2.6139, 4.4433,
6.7187

185.6929,
220.9524, 264.0054

■ 0.9531, 1.9245,
3.2110

226.8184,

■ 0.0000, 0.5631,

267.7931, 318.1592

1.2034

273.6074,
320.8259, 379.2540

■ 0.0000, 0.0000,
0.0000

■ 37.4143, 48.4151,
61.4059

■ 37.4143, 48.4151,
61.4059

■ 35.1571, 47.2526,
61.3010

■ 40.2340, 49.8698,
61.5392

■ 33.4207, 46.3575,
61.2195

■ 43.6456, 51.6286,
61.6992

■ 32.1648, 45.7101,
61.1604


■ 47.6819, 53.7094,
61.8883


■ 31.3412, 45.2855,
61.1216


■ 52.3718, 56.1271,
62.1081

■ 30.8916, 45.0537,
61.1003


■ 57.7425, 58.8958,
62.3598

 30.7329, 44.9719,
61.0926

 63.8196, 62.0287,
62.6444

 70.6276, 65.5383,
62.9633

 71.9736, 66.2322,
63.0266

 71.9737, 66.2322,
63.0269

Harmonies

Analogous

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



37.2336, 48.4151, 46.9116



37.4143, 48.4151, 61.4059



39.7920, 48.4151, 75.7639

Triad

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



37.4143, 48.4151, 61.4059



53.4848, 48.4151, 73.7124



48.1554, 48.4151, 30.0971

Complementary

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



37.4143, 48.4151, 61.4059



32.2736, 24.9017, 18.4365

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.



52.8598, 48.4151, 34.8916



37.4143, 48.4151, 61.4059



56.0835, 48.4151, 58.9801

Square

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



37.4143, 48.4151, 61.4059



48.9590, 48.4151, 83.7077



55.8468, 48.4151, 44.8869



43.1955, 48.4151, 30.5084

Rectangle

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



37.4143, 48.4151, 61.4059



42.4077, 48.4151, 82.5402



55.8468, 48.4151, 44.8869



49.8257, 48.4151, 31.1108

Sweetspot

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



37.4157, 48.4170, 61.4070



83.8881, 94.2459, 108.3770



30.2176, 45.5592, 22.5315



17.5930, 19.9856, 23.1801



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.



37.4157, 48.4170, 61.4070



61.8923, 82.9066, 107.3456



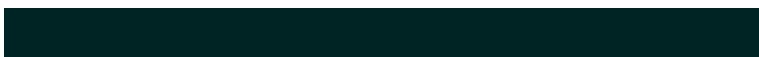
29.0409, 31.6669, 58.6166



10.9467, 12.0676, 13.6698



19.7612, 28.9168, 39.2825



0.9357, 1.3692, 1.8600

Inverse Universe

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



32.2736, 24.9017, 18.4365



51.7866, 36.6927, 22.8965



38.0434, 36.4414, 20.3591



10.6339, 10.6370, 11.0555



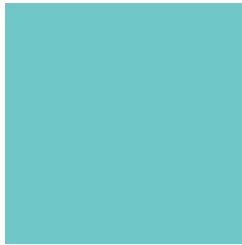
15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 37.4143, 48.4151, 61.4059 looks on a white background.

Color Contrast Check

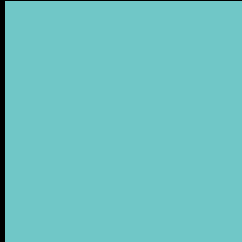
Large Text (above 18pt) WCAG AA × Fail

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 37.4143, 48.4151, 61.4059 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

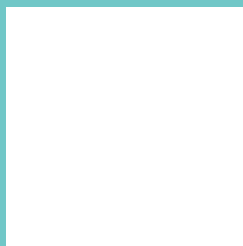
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.4143, 48.4151, 61.4059

Background



This preview shows how black text looks on a background with the XYZ color 37.4143, 48.4151, 61.4059.

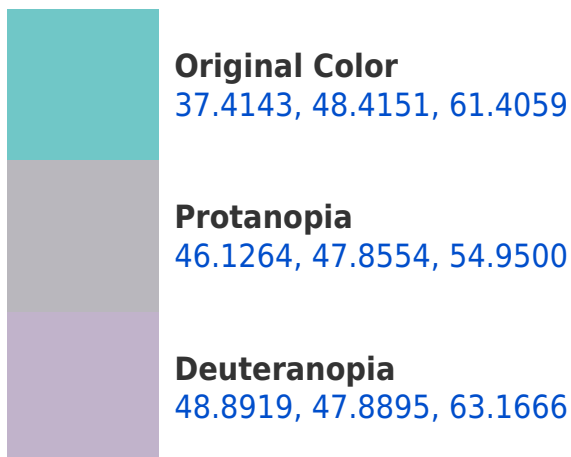


This preview shows how white text looks on a background with the XYZ color 37.4143, 48.4151,

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





Tritanopia

39.1790, 48.4496, 70.2375

Trichromacy



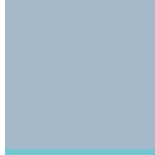
Original Color

37.4143, 48.4151, 61.4059



Protanomaly

41.9238, 47.5145, 57.4137



Deuteranomaly

43.5294, 47.2746, 62.7078



Tritanomaly

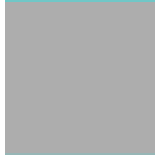
38.6495, 48.5871, 67.0157

Monochromacy



Original Color

37.4143, 48.4151, 61.4059



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.9339, 43.4126, 50.6361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4143, 48.4151, 61.4059 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(112, 199, 199)  
}
```

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, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 37.4143, 48.4151, 61.4059 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, 199, 199) }
```


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

```
.border{ border-color:rgb(112, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(112, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4143, 48.4151, 61.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 199, 199) }
```

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

```
.background{ background-color: rgb(112,  
199, 199) }
```

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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