

Converting Colors

XYZ(48.3138, 60.5633, 75.2886)

Have a look what the booklet for
XYZ(48.3138, 60.5633, 75.2886)
contains.

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Color

**XYZ(48.3738, 60.6937,
75.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	8BDADA
RGB	139, 218, 218
RGB Percent	55%, 85%, 85%
CMY	0.4549, 0.1451, 0.1451
CMYK	0.36, 0.00, 0.00, 0.15
HSL	180°, 52%, 70%
HSV	180°, 36%, 85%
XYZ	48.3738, 60.6937, 75.4952
YIQ	194.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

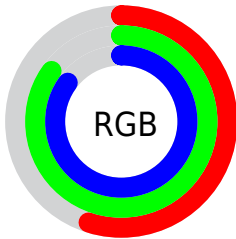
Format	Color
RYB	139, 179, 218
Decimal	9165530
CIELab	82.21, -24.13, -7.68
CIElCh	82, 25.326, 197.661
Yxy	60.6937, 0.2621, 0.3289
Android (android.graphics.Color)	4287355610 (0xFF8BDADA)
YUV	194.3790, 11.6452, -48.5674
Hunter-Lab	77.9062, -25.5009, -2.9208

Details

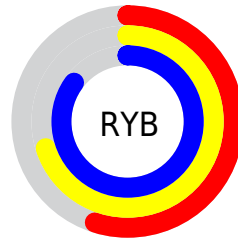
The XYZ color **48.3738, 60.6937, 75.4952** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.8084, 35.2366, 28.9735**, and the grayscale version is **51.4573, 54.1371, 58.9553**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **23.3642, 30.7235, 39.3491** is the 20% darker color. If you saturate the color by 10%, you get **45.0909, 59.0028, 75.3425**, and if you desaturate by 10%, it is **52.3861, 62.7636, 75.6847**.

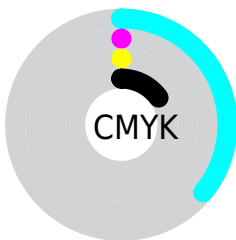
Distribution



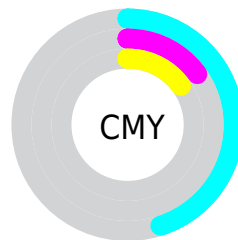
- Red (55%)
- Green (85%)
- Blue (85%)



- Red (55%)
- Yellow (70%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (45%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3738, 60.6937, 75.4952 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 48.3738, 60.6937, 75.4952 by changing the saturation by 10% instead.


 48.3738, 60.6937,
75.4952


 48.3738, 60.6937,
75.4952

370.8298,
427.1500, 498.9187

 34.3355, 43.9780,
55.5145


 86.9670, 105.8353,
128.7666

 23.3156, 30.6532,
39.4124


 112.2526,
135.0300, 162.8944

 14.9487, 20.3349,
26.7704


142.0181,
169.1532, 202.5750

 8.8694, 12.6387,
17.1700

176.6287,
208.5893, 248.2270

 4.7125, 7.1803,
10.1925

216.4498,
253.7226, 300.2687

 2.1126, 3.5751,
5.4195

261.8468,

 0.6961, 1.4388,

304.9376, 359.1189

2.4324

313.1850,
362.6186, 425.1961

■ 0.0000, 0.2451,
0.8040

■ 0.0000, 0.0000,
0.0000

■ 48.3738, 60.6937,
75.4952

■ 48.3738, 60.6937,
75.4952

■ 45.0909, 59.0028,
75.3425

■ 52.3861, 62.7636,
75.6847

■ 42.4886, 57.6613,
75.2203

■ 57.1622, 65.2257,
75.9086

■ 40.5208, 56.6468,
75.1278

■ 62.7407, 68.1016,
76.1701

■ 39.1332, 55.9315,
75.0624

■ 69.1563, 71.4089,
76.4708

■ 38.2626, 55.4827,
75.0213

■ 76.4413, 75.1645,
76.8121

■ 37.8297, 55.2595,
75.0006

■ 78.9679, 76.4670,
76.9308

■ 37.7270, 55.2066,
74.9956

■ 78.9680, 76.4670,
76.9312

■ 78.9681, 76.4671,
76.9316

■ 78.9682, 76.4671,
76.9320

Harmonies

Analogous

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



48.1529, 60.6937, 59.9491



48.3738, 60.6937, 75.4952



50.9915, 60.6937, 90.5149

Triad

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



48.3738, 60.6937, 75.4952



65.6839, 60.6937, 88.1351



59.9284, 60.6937, 41.1448

Complementary

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



48.3738, 60.6937, 75.4952



42.8084, 35.2366, 28.9735

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.



64.9455, 60.6937, 46.5014



48.3738, 60.6937, 75.4952



68.4044, 60.6937, 72.6262

Square

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



48.3738, 60.6937, 75.4952



60.8859, 60.6937, 98.5568



68.1260, 60.6937, 57.4914



54.6032, 60.6937, 41.6665

Rectangle

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



48.3738, 60.6937, 75.4952



53.8411, 60.6937, 97.4802



68.1260, 60.6937, 57.4914



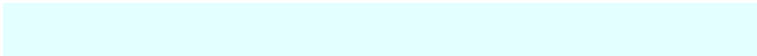
61.7129, 60.6937, 42.2781

Sweetspot

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



48.3756, 60.6961, 75.4966



85.4727, 95.0627, 108.4511



40.6022, 57.6123, 33.4079



18.0636, 20.2282, 23.2022



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.



48.3756, 60.6961, 75.4966



65.5483, 84.7914, 107.5168



39.5885, 43.1215, 72.5690



13.4449, 14.8296, 16.8058



22.6015, 33.0732, 44.9285



1.4642, 2.1426, 2.9107

Inverse Universe

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



42.8084, 35.2366, 28.9735



56.5571, 43.6732, 32.3799



49.3342, 48.2885, 31.1480



13.0561, 13.0515, 13.5567



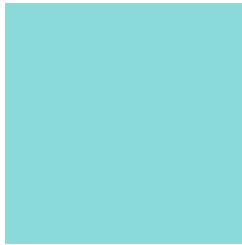
17.3222, 8.9299, 0.8108



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 48.3738, 60.6937, 75.4952 looks on a white background.

Color Contrast Check

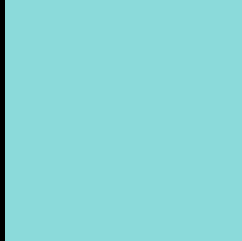
Large Text (above 18pt) WCAG AA × Fail

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 48.3738, 60.6937, 75.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

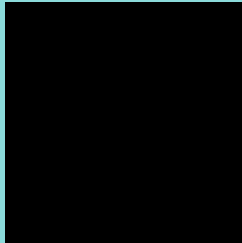
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3738, 60.6937, 75.4952

Background



This preview shows how black text looks on a background with the XYZ color 48.3738, 60.6937, 75.4952.



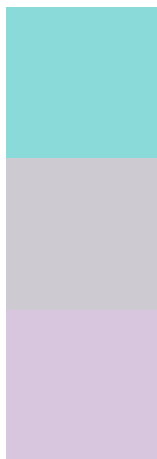
This preview shows how white text looks on a background with the XYZ color 48.3738, 60.6937,

75.4952.

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

48.3738, 60.6937, 75.4952

Protanopia

58.0828, 59.9663, 68.8350

Deuteranopia

61.4032, 60.1092, 77.4732



Tritanopia

50.5915, 60.8346, 86.1666

Trichromacy



Original Color

48.3738, 60.6937, 75.4952

Protanomaly

53.7309, 59.8103, 71.0000

Deuteranomaly

55.3760, 59.4479, 76.9626

Tritanomaly

49.9718, 60.9779, 82.5349

Monochromacy



Original Color

48.3738, 60.6937, 75.4952

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.5910, 56.0223, 64.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3738, 60.6937, 75.4952 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(139, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(139, 218, 218)  
}
```

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(139, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 48.3738, 60.6937, 75.4952 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(139, 218, 218) }
```


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

```
.border{ border-color:rgb(139, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(139, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3738, 60.6937, 75.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 218, 218) }
```

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

```
.background{ background-color: rgb(139,  
218, 218) }
```

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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