

Converting Colors

XYZ(48.7799, 60.5937, 75.3802)

Have a look what the booklet for
XYZ(48.7799, 60.5937, 75.3802)
contains.

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Color

**XYZ(48.7954, 60.5273,
75.4408)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD9DA
RGB	143, 217, 218
RGB Percent	56%, 85%, 85%
CMY	0.4392, 0.1490, 0.1451
CMYK	0.34, 0.00, 0.00, 0.15
HSL	181°, 50%, 71%
HSV	181°, 34%, 85%
XYZ	48.7954, 60.5273, 75.4408
YIQ	194.9880, -44.4250, -15.3770

Conversions

Conversions Part 2

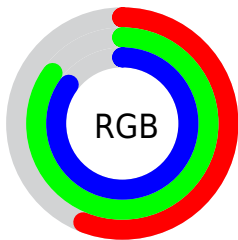
Format	Color
RYB	143, 180, 218
Decimal	9427418
CIELab	82.12, -22.59, -7.80
CIELCh	82, 23.896, 199.041
Yxy	60.5273, 0.2641, 0.3276
Android (android.graphics.Color)	4287617498 (0xFF8FD9DA)
YUV	194.9880, 11.3449, -45.5935
Hunter-Lab	77.7993, -24.1943, -3.0331

Details

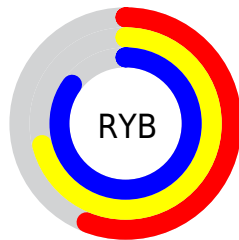
The XYZ color **48.7954, 60.5273, 75.4408** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8454, 36.8356, 30.7869**, and the grayscale version is **51.8196, 54.5182, 59.3703**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **23.5557, 30.5597, 39.3074** is the 20% darker color. If you saturate the color by 10%, you get **45.3079, 58.6201, 75.2575**, and if you desaturate by 10%, it is **53.0199, 62.8177, 75.6613**.

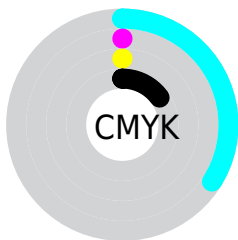
Distribution



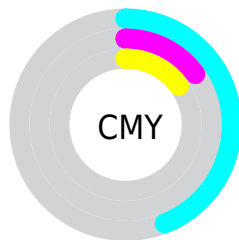
- Red (56%)
- Green (85%)
- Blue (85%)



- Red (56%)
- Yellow (71%)
- Blue (85%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (44%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7954, 60.5273, 75.4408 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 48.7954, 60.5273, 75.4408 by changing the saturation by 10% instead.


 48.7954, 60.5273,
75.4408


 48.7954, 60.5273,
75.4408


372.4666,
426.5387, 498.7271

 34.6711, 43.8438,
55.4702


 87.5901, 105.5942,
128.6890

 23.5749, 30.5477,
39.3772


 112.9911,
134.7464, 162.8036

 15.1416, 20.2547,
26.7432


142.8817,
168.8236, 202.4700

 9.0058, 12.5803,
17.1497

177.6274,
208.2102, 248.1067

 4.8021, 7.1402,
10.1782

217.5933,
253.2906, 300.1322

 2.1652, 3.5499,
5.4101

263.1449,

 0.7243, 1.4251,

304.4492, 358.9650

2.4269

314.6476,
362.0705, 425.0238

■ 0.0000, 0.2351,
0.8011

■ 0.0000, 0.0000,
0.0000

■ 48.7954, 60.5273,
75.4408

■ 48.7954, 60.5273,
75.4408

■ 45.3079, 58.6201,
75.2575

■ 53.0199, 62.8177,
75.6613

■ 42.5094, 57.0667,
75.1052

■ 58.0153, 65.5041,
75.9165

■ 40.3548, 55.8455,
74.9830

■ 63.8198, 68.6079,
76.2097

■ 38.7909, 54.9290,
74.8885

■ 70.4675, 72.1465,
76.5423

■ 37.7567, 54.2858,
74.8189

■ 77.9906, 76.1367,
76.9160

■ 37.1773, 53.8772,
74.7706

■ 79.1598, 76.8514,
76.9923

■ 36.9815, 53.7149,
74.7496

■ 79.2354, 77.0026,
77.0175

■ 79.3111, 77.1541,
77.0428

■ 79.3870, 77.3058,
77.0680

Harmonies

Analogous

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



48.4774, 60.5273, 60.7361



48.7954, 60.5273, 75.4408



51.3712, 60.5273, 89.3225

Triad

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



48.7954, 60.5273, 75.4408



65.2117, 60.5273, 85.9575



59.4032, 60.5273, 42.1133

Complementary

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



48.7954, 60.5273, 75.4408



43.8454, 36.8356, 30.7869

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.



64.1611, 60.5273, 46.9843



48.7954, 60.5273, 75.4408



67.6434, 60.5273, 71.3569

Square

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



48.7954, 60.5273, 75.4408



60.7695, 60.5273, 95.9837



67.2479, 60.5273, 57.2067



54.4065, 60.5273, 42.8735

Rectangle

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



48.7954, 60.5273, 75.4408



54.1114, 60.5273, 95.5733



67.2479, 60.5273, 57.2067



61.0883, 60.5273, 43.1141

Sweetspot

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



48.7972, 60.5297, 75.4422



86.1748, 95.2642, 108.4537



41.3582, 57.9668, 34.9967



18.1987, 20.2587, 23.2011



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.



48.7972, 60.5297, 75.4422



66.0286, 84.3828, 107.4152



40.4062, 43.7476, 72.6452



13.4293, 14.7983, 16.8007



22.1622, 32.1939, 44.7844



1.4406, 2.0954, 2.9030

Inverse Universe

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



51.2617, 39.5615, 70.5827



70.0452, 50.3473, 99.4646



50.2949, 49.7346, 32.9367



13.6065, 13.2717, 16.4553



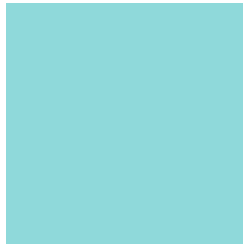
24.6818, 11.8738, 39.5659



1.6015, 0.7702, 2.5762

Previews

White Background



This preview shows how the XYZ color 48.7954, 60.5273, 75.4408 looks on a white background.

Color Contrast Check

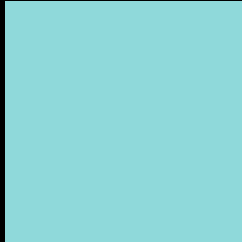
Large Text (above 18pt) WCAG AA × Fail

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 48.7954, 60.5273, 75.4408 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 48.7954, 60.5273, 75.4408

Background



This preview shows how black text looks on a background with the XYZ color 48.7954, 60.5273, 75.4408.



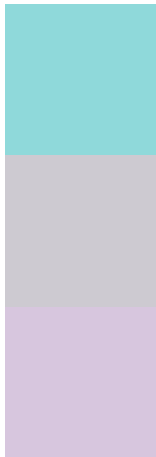
This preview shows how white text looks on a background with the XYZ color 48.7954, 60.5273,

75.4408.

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

48.7954, 60.5273, 75.4408

Protanopia

57.8060, 59.8236, 68.8220

Deuteranopia

61.4032, 60.1092, 77.4732



Tritanopia

50.8985, 60.6301, 85.3641

Trichromacy



Original Color

48.7954, 60.5273, 75.4408

Protanomaly

53.4879, 59.3242, 70.9190

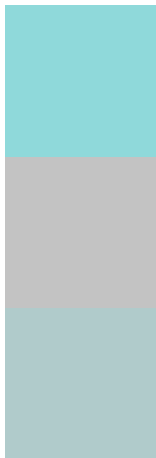
Deuteranomaly

55.8687, 59.7019, 76.9856

Tritanomaly

50.2751, 60.7688, 81.7528

Monochromacy



Original Color

48.7954, 60.5273, 75.4408

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.0399, 56.2538, 64.7206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7954, 60.5273, 75.4408 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(143, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(143, 217, 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(143, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 217, 218) }
```

Border

The CSS property to change the border of an element to XYZ 48.7954, 60.5273, 75.4408 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(143, 217, 218) }
```


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

```
.border{ border-color:rgb(143, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(143, 217,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7954, 60.5273, 75.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 217, 218) }
```

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

```
.background{ background-color: rgb(143,  
217, 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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