

Converting Colors

XYZ(51.9841, 63.7330, 75.8902)

Have a look what the booklet for
XYZ(51.9841, 63.7330, 75.8902)
contains.

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Color

**XYZ(52.0289, 63.7434,
75.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDDDA
RGB	155, 221, 218
RGB Percent	61%, 87%, 85%
CMY	0.3921, 0.1333, 0.1451
CMYK	0.30, 0.00, 0.01, 0.13
HSL	177°, 49%, 74%
HSV	177°, 30%, 87%
XYZ	52.0289, 63.7434, 75.8912
YIQ	200.9240, -38.3730, -14.9250

Conversions

Conversions Part 2

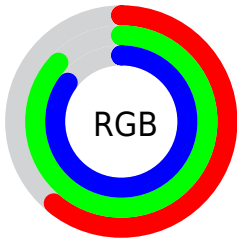
Format	Color
RYB	155, 189, 221
Decimal	10214874
CIELab	83.83, -21.30, -5.20
CIElCh	84, 21.922, 193.728
Yxy	63.7434, 0.2715, 0.3326
Android (android.graphics.Color)	4288404954 (0xFF9BDDDA)
YUV	200.9240, 8.4185, -40.2753
Hunter-Lab	79.8395, -23.3962, -0.4703

Details

The XYZ color **52.0289, 63.7434, 75.8912** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7139, 41.2853, 37.8042**, and the grayscale version is **55.4383, 58.3254, 63.5163**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **25.6139, 32.6835, 39.6089** is the 20% darker color. If you saturate the color by 10%, you get **48.0389, 61.7032, 75.0211**, and if you desaturate by 10%, it is **56.7996, 66.1892, 76.8048**.

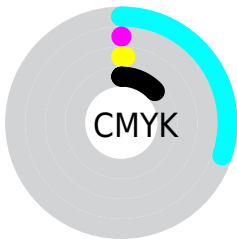
Distribution



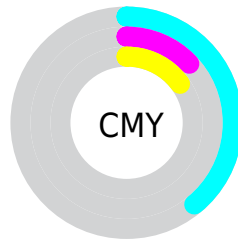
- Red (61%)
- Green (87%)
- Blue (85%)



- Red (61%)
- Yellow (74%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0289, 63.7434, 75.8912 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 52.0289, 63.7434, 75.8912 by changing the saturation by 10% instead.

■ 52.0289, 63.7434,
75.8912

■ 52.0289, 63.7434,
75.8912

384.8703,
438.2624, 500.3121

■ 37.2525, 46.4429,
55.8372

■ 92.3478, 110.2413,
129.3318

■ 25.5776, 32.5954,
39.6693

■ 118.6211,
140.2075, 163.5554

■ 16.6389, 21.8167,
26.9690

149.4572,
175.1643, 203.3393

■ 10.0711, 13.7223,
17.3177

185.2218,
215.4962, 249.1021

■ 5.5088, 7.9278,
10.2969

226.2800,
261.5876, 301.2622

■ 2.5865, 4.0488,
5.4881

272.9972,

■ 0.9391, 1.7009,

313.8228, 360.2382

2.4727

325.7389,
372.5863, 426.4486

■ 0.0000, 0.4242,
0.8256

■ 0.0000, 0.0000,
0.0000

■ 52.0289, 63.7434,
75.8912

■ 52.0289, 63.7434,
75.8912

■ 48.0389, 61.7032,
75.0211

■ 56.7996, 66.1892,
76.8048

■ 44.7817, 60.0392,
74.1880

■ 62.3847, 69.0530,
77.7593

■ 42.2127, 58.7297,
73.3913

■ 68.8225, 72.3564,
78.7579

■ 40.2801, 57.7483,
72.6285

■ 76.1474, 76.1170,
79.8022

■ 38.9249, 57.0645,
71.8969

■ 80.4207, 78.3043,
80.7078

■ 38.0771, 56.6422,
71.1932

■ 80.5567, 78.3587,
81.4241

■ 37.6146, 56.4184,
70.5116

■ 80.6935, 78.4135,
82.1446

■ 37.6092, 56.4157,
70.5024

■ 80.8311, 78.4685,
82.8693

■ 80.9696, 78.5239,
83.5984

Harmonies

Analogous

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



52.1251, 63.7434, 62.2373



52.0289, 63.7434, 75.8912



54.1382, 63.7434, 89.3977

Triad

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



52.0289, 63.7434, 75.8912



67.2148, 63.7434, 90.3868



63.2179, 63.7434, 46.9346

Complementary

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



52.0289, 63.7434, 75.8912



47.7139, 41.2853, 37.8042

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.



67.5268, 63.7434, 52.6413



52.0289, 63.7434, 75.8912



69.9167, 63.7434, 77.1045

Square

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



52.0289, 63.7434, 75.8912



62.8103, 63.7434, 98.4858



70.0338, 63.7434, 63.3007



58.4152, 63.7434, 46.7002

Rectangle

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



52.0289, 63.7434, 75.8912



56.5793, 63.7434, 96.0045



70.0338, 63.7434, 63.3007



64.7779, 63.7434, 48.2385

Sweetspot

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



52.0308, 63.7460, 75.8927



86.9373, 95.8371, 107.6453



45.9344, 61.3816, 40.4384



18.3472, 20.3792, 22.9981



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.



52.0308, 63.7460, 75.8927



68.2901, 86.2816, 104.1760



45.2669, 49.5837, 75.5943



13.4179, 14.8188, 16.6638



21.8586, 32.7761, 41.0164



1.4242, 2.1266, 2.6998

Inverse Universe

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



47.7139, 41.2853, 37.8042



61.3826, 50.3294, 43.2211



53.0237, 52.3134, 38.3145



13.0799, 13.0611, 13.6822



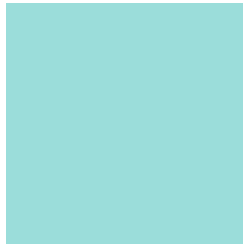
17.3654, 8.9472, 1.0382



1.1337, 0.5831, 0.1128

Previews

White Background



This preview shows how the XYZ color 52.0289, 63.7434, 75.8912 looks on a white background.

Color Contrast Check

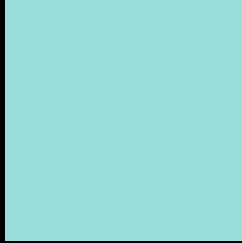
Large Text (above 18pt) WCAG AA × Fail

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 52.0289, 63.7434, 75.8912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

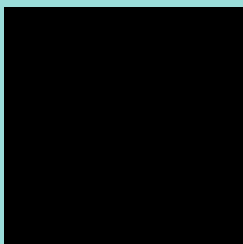
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

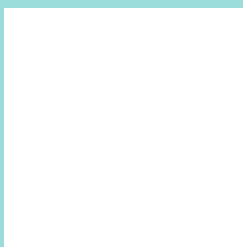
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0289, 63.7434, 75.8912

Background



This preview shows how black text looks on a background with the XYZ color 52.0289, 63.7434, 75.8912.



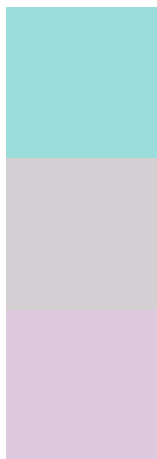
This preview shows how white text looks on a background with the XYZ color 52.0289, 63.7434,

75.8912.

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

52.0289, 63.7434, 75.8912

Protanopia

60.8097, 63.1277, 69.9526

Deuteranopia

64.4295, 63.0446, 77.8803



Tritanopia

54.5098, 63.5699, 88.7541

Trichromacy



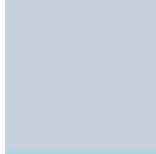
Original Color

52.0289, 63.7434, 75.8912



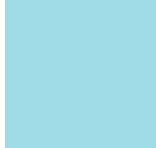
Protanomaly

57.0396, 62.9674, 72.0984



Deuteranomaly

59.1403, 62.8272, 77.4164



Tritanomaly

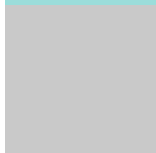
53.5749, 63.5893, 83.5790

Monochromacy



Original Color

52.0289, 63.7434, 75.8912



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.5855, 59.8071, 67.7511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0289, 63.7434, 75.8912 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(155, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(155, 221, 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(155, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 221, 218) }
```

Border

The CSS property to change the border of an element to XYZ 52.0289, 63.7434, 75.8912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

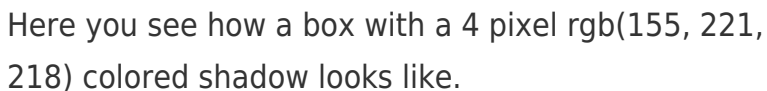
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 221, 218) }
```


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

```
.border{ border-color:rgb(155, 221, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 221, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 221, 218); box-shadow:4px 4px 4px 4px rgb(155, 221, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0289, 63.7434, 75.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 221, 218) }
```

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

```
.background{ background-color: rgb(155,  
221, 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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