

Converting Colors

XYZ(41.1196, 56.9541, 75.1557)

Have a look what the booklet for
XYZ(41.1196, 56.9541, 75.1557)
contains.

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Color

**XYZ(41.1196, 56.9541,
75.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	51DADA
RGB	81, 218, 218
RGB Percent	32%, 85%, 85%
CMY	0.6823, 0.1451, 0.1451
CMYK	0.63, 0.00, 0.00, 0.15
HSL	180°, 65%, 59%
HSV	180°, 63%, 85%
XYZ	41.1196, 56.9541, 75.1557
YIQ	177.0370, -81.6520, -29.0440

Conversions

Conversions Part 2

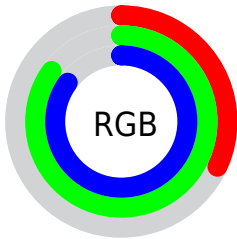
Format	Color
RYB	81, 150, 218
Decimal	5364442
CIELab	80.15, -36.30, -10.97
CIELCh	80, 37.919, 196.815
Yxy	56.9541, 0.2374, 0.3288
Android (android.graphics.Color)	4283554522 (0xFF51DADA)
YUV	177.0370, 20.1948, -84.2244
Hunter-Lab	75.4679, -34.8111, -6.2171

Details

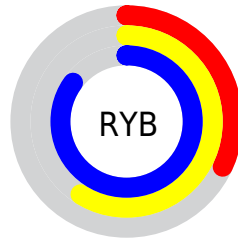
The XYZ color **41.1196, 56.9541, 75.1557** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.3429, 21.3861, 10.1569**, and the grayscale version is **41.7392, 43.9129, 47.8211**.

A 20% lighter version of the original color is **65.4871, 84.7597, 107.5165**, and **19.5312, 28.4850, 39.1191** is the 20% darker color. If you saturate the color by 10%, you get **39.5432, 56.1427, 75.0830**, and if you desaturate by 10%, it is **43.2989, 58.0788, 75.2592**.

Distribution



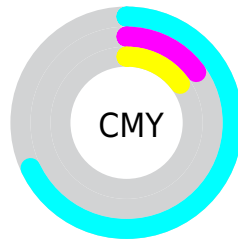
- Red (32%)
- Green (85%)
- Blue (85%)



- Red (32%)
- Yellow (59%)
- Blue (85%)



- Cyan (63%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (68%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1196, 56.9541, 75.1557 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 41.1196, 56.9541, 75.1557 by changing the saturation by 10% instead.


 41.1196, 56.9541,
75.1557


 41.1196, 56.9541,
75.1557


341.8743,
413.2773, 497.7222


 28.6006, 40.9684,
55.2380


 76.1390, 100.3982,
128.2819


 18.9217, 28.2944,
39.1924


 99.3701, 128.6254,
162.3274

 11.7174, 18.5477,
26.6004

 126.9026,
161.7019, 201.9192

 6.6224, 11.3439,
17.0436

 159.1020,
200.0120, 247.4759

 3.2713, 6.2987,
10.1033

196.3335,
243.9402, 299.4160

 1.2988, 3.0275,
5.3610

238.9624,

 0.1823, 1.1461,

293.8709, 358.1581

2.3982

287.3543,
350.1885, 424.1207

■ 0.0000, 0.0170,
0.7854

■ 0.0000, 0.0000,
0.0000

■ 41.1196, 56.9541,
75.1557

■ 41.1196, 56.9541,
75.1557

■ 39.5432, 56.1427,
75.0830

■ 43.2989, 58.0788,
75.2592

■ 38.5049, 55.6075,
75.0342

■ 46.1277, 59.5372,
75.3918

■ 37.9343, 55.3133,
75.0073

■ 49.6542, 61.3551,
75.5570

■ 37.7272, 55.2066,
74.9974

■ 53.9204, 63.5544,
75.7569

■ 58.9649, 66.1550,
75.9932

■ 64.8240, 69.1754,
76.2676

■ 71.5312, 72.6331,
76.5817

■ 78.9677, 76.4668,
76.9299

■ 78.9677, 76.4668,
76.9301

Harmonies

Analogous

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



40.9171, 56.9541, 52.8050



41.1196, 56.9541, 75.1557



44.5883, 56.9541, 98.5029

Triad

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



41.1196, 56.9541, 75.1557



65.7058, 56.9541, 95.9305



57.5934, 56.9541, 29.1242

Complementary

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



41.1196, 56.9541, 75.1557



33.3429, 21.3861, 10.1569

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.



64.9513, 56.9541, 35.8731



41.1196, 56.9541, 75.1557



69.9265, 56.9541, 72.2344

Square

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



41.1196, 56.9541, 75.1557



58.5462, 56.9541, 112.3158



69.6380, 56.9541, 50.5000



49.9477, 56.9541, 29.5478

Rectangle

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



41.1196, 56.9541, 75.1557



48.4917, 56.9541, 109.9301



69.6380, 56.9541, 50.5000



60.1960, 56.9541, 30.5453

Sweetspot

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



41.1213, 56.9563, 75.1571



79.4165, 91.9406, 108.1678



30.1507, 52.5910, 16.3479



16.5734, 19.4600, 23.1325



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.



41.1213, 56.9563, 75.1571



55.9077, 79.8215, 107.0659



27.2432, 29.1996, 70.5322



13.4449, 14.8296, 16.8059



22.6018, 33.0733, 44.9297



1.4643, 2.1427, 2.9108

Inverse Universe

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



33.3429, 21.3861, 10.1569



43.9777, 25.2660, 7.3726



40.8682, 36.4367, 12.6649



13.0561, 13.0515, 13.5567



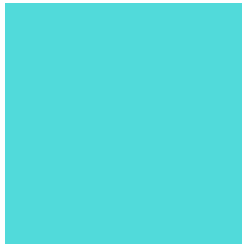
17.3222, 8.9299, 0.8107



1.1222, 0.5785, 0.0525

Previews

White Background



This preview shows how the XYZ color 41.1196, 56.9541, 75.1557 looks on a white background.

Color Contrast Check

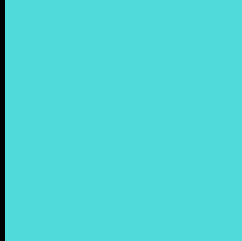
Large Text (above 18pt) WCAG AA × Fail

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 41.1196, 56.9541, 75.1557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

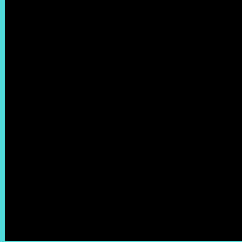
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

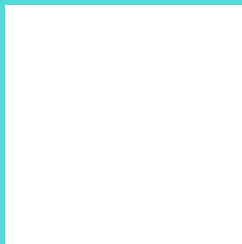
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1196, 56.9541, 75.1557

Background



This preview shows how black text looks on a background with the XYZ color 41.1196, 56.9541, 75.1557.

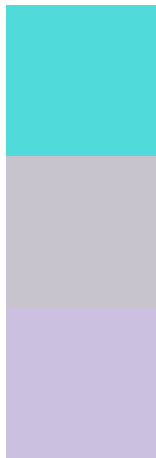


This preview shows how white text looks on a background with the XYZ color 41.1196, 56.9541,

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

41.1196, 56.9541, 75.1557

Protanopia

54.3126, 56.0297, 65.7099

Deuteranopia

57.2060, 55.9185, 78.2993



Tritanopia

43.2883, 57.0696, 85.8248

Trichromacy



Original Color

41.1196, 56.9541, 75.1557



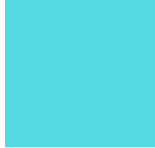
Protanomaly

46.9360, 54.9068, 69.0970



Deuteranomaly

48.3695, 54.4181, 77.0616



Tritanomaly

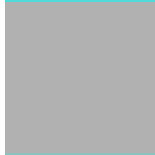
42.5628, 57.1584, 82.1882

Monochromacy



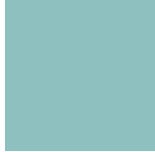
Original Color

41.1196, 56.9541, 75.1557



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

39.5194, 47.2558, 56.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1196, 56.9541, 75.1557 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(81, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(81, 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(81, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 41.1196, 56.9541, 75.1557 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(81, 218, 218) }
```


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

```
.border{ border-color:rgb(81, 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(81, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(81, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1196, 56.9541, 75.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 218, 218) }
```

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

```
.background{ background-color: rgb(81, 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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