

Converting Colors

XYZ(41.3822, 56.3653, 73.1578)

Have a look what the booklet for
XYZ(41.3822, 56.3653, 73.1578)
contains.

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Color

**XYZ(41.3358, 56.3452,
72.9871)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD8D7
RGB	93, 216, 215
RGB Percent	36%, 85%, 84%
CMY	0.6353, 0.1529, 0.1569
CMYK	0.57, 0.00, 0.00, 0.15
HSL	180°, 61%, 61%
HSV	180°, 57%, 85%
XYZ	41.3358, 56.3452, 72.9871
YIQ	179.1090, -72.9870, -26.3870

Conversions

Conversions Part 2

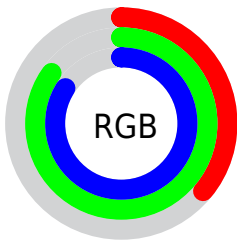
Format	Color
RYB	93, 155, 216
Decimal	6150359
CIELab	79.81, -34.15, -9.85
CIElCh	80, 35.545, 196.081
Yxy	56.3452, 0.2422, 0.3301
Android (android.graphics.Color)	4284340439 (0xFF5DD8D7)
YUV	179.1090, 17.6943, -75.5176
Hunter-Lab	75.0634, -33.0650, -5.1056

Details

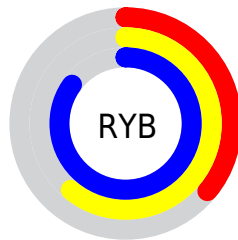
The XYZ color **41.3358, 56.3452, 72.9871** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **34.2555, 23.2375, 13.2713**, and the grayscale version is **42.8440, 45.0752, 49.0869**.

A 20% lighter version of the original color is **67.1364, 85.6100, 107.5937**, and **19.0900, 28.0278, 37.6615** is the 20% darker color. If you saturate the color by 10%, you get **39.4285, 55.3658, 72.7811**, and if you desaturate by 10%, it is **43.8639, 57.6471, 73.2248**.

Distribution



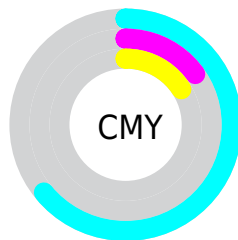
- Red (36%)
- Green (85%)
- Blue (84%)



- Red (36%)
- Yellow (61%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3358, 56.3452, 72.9871 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 41.3358, 56.3452, 72.9871 by changing the saturation by 10% instead.

41.3358, 56.3452,
72.9871

41.3358, 56.3452,
72.9871

342.7608,
410.9911, 490.0397

28.7704, 40.4798,
53.4737

76.4649, 99.5091,
125.1796

19.0506, 27.9128,
37.7907

99.7593, 127.5764,
158.6958

11.8111, 18.2599,
25.5197

127.3607,
160.4797, 197.7167

6.6864, 11.1368,
16.2422

159.6345,
198.6035, 242.6607

3.3114, 6.1589,
9.5395

196.9461,
242.3321, 293.9465

1.3205, 2.9419,
4.9931

239.6607,

0.1985, 1.1015,

292.0500, 351.9926

2.1845

288.1439,
348.1416, 417.2174

■ 0.0000, 0.0000,
0.6654

■ 0.0000, 0.0000,
0.0000

■ 41.3358, 56.3452,
72.9871

■ 41.3358, 56.3452,
72.9871

■ 39.4285, 55.3658,
72.7811

■ 43.8639, 57.6471,
73.2248

■ 38.0833, 54.6750,
72.6003


■ 47.0549, 59.2896,
73.4923


■ 37.2395, 54.2426,
72.4431

■ 50.9532, 61.2966,
73.7931


■ 36.8151, 54.0264,
72.3056


■ 55.5980, 63.6885,
74.1290


 36.7255, 53.9810,
72.2655

 61.0255, 66.4838,
74.5016

 67.2696, 69.7001,
74.9126

 74.3621, 73.3538,
75.3634

 78.2444, 75.3526,
75.6640

 78.2672, 75.3617,
75.7842

Harmonies

Analogous

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



41.2223, 56.3452, 52.3084



41.3358, 56.3452, 72.9871



44.5238, 56.3452, 94.5274

Triad

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



41.3358, 56.3452, 72.9871



64.1455, 56.3452, 93.1248



56.9502, 56.3452, 30.3796

Complementary

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



41.3358, 56.3452, 72.9871



34.2555, 23.2375, 13.2713

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.



63.7303, 56.3452, 37.0164



41.3358, 56.3452, 72.9871



68.1292, 56.3452, 71.3785

Square

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



41.3358, 56.3452, 72.9871



57.4769, 56.3452, 107.8139



67.9708, 56.3452, 51.0213



49.8146, 56.3452, 30.6223

Rectangle

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



41.3358, 56.3452, 72.9871



48.1412, 56.3452, 105.1401



67.9708, 56.3452, 51.0213



59.3590, 56.3452, 31.8022

Sweetspot

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



41.3375, 56.3474, 72.9884



80.8038, 92.6624, 107.9368



31.2579, 52.3398, 18.8124



16.9834, 19.6729, 23.0808



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.



41.3375, 56.3474, 72.9884



57.0284, 80.4253, 105.9379



28.8917, 31.2490, 69.4770



12.7877, 14.1061, 15.9622



21.7391, 31.9510, 42.7835



1.3126, 1.9277, 2.5881

Inverse Universe

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



34.2555, 23.2375, 13.2713



45.7890, 27.8592, 11.1502



41.5981, 37.9942, 15.4984



12.4273, 12.4224, 12.9247



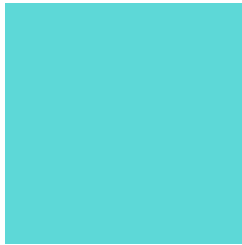
16.7696, 8.6441, 0.8246



1.0129, 0.5220, 0.0575

Previews

White Background



This preview shows how the XYZ color 41.3358, 56.3452, 72.9871 looks on a white background.

Color Contrast Check

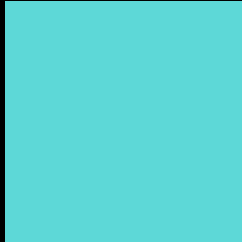
Large Text (above 18pt) WCAG AA × Fail

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 41.3358, 56.3452, 72.9871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

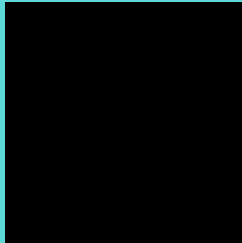
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

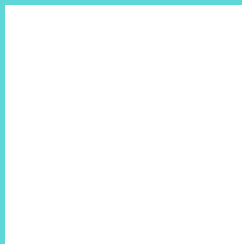
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3358, 56.3452, 72.9871

Background



This preview shows how black text looks on a background with the XYZ color 41.3358, 56.3452, 72.9871.



This preview shows how white text looks on a background with the XYZ color 41.3358, 56.3452,

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

41.3358, 56.3452, 72.9871

Protanopia

53.5833, 55.3478, 64.3590

Deuteranopia

56.4509, 55.2663, 75.4023



Tritanopia

43.6160, 56.5153, 84.2110

Trichromacy



Original Color

41.3358, 56.3452, 72.9871



Protanomaly

47.1156, 54.6904, 67.1045



Deuteranomaly

48.6190, 54.2630, 74.2410



Tritanomaly

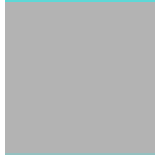
42.8208, 56.5785, 79.8980

Monochromacy



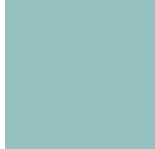
Original Color

41.3358, 56.3452, 72.9871



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.5768, 47.8009, 56.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3358, 56.3452, 72.9871 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(93, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(93, 216, 215)  
}
```

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(93, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 216, 215) }
```

Border

The CSS property to change the border of an element to XYZ 41.3358, 56.3452, 72.9871 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(93, 216, 215) }
```


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

```
.border{ border-color:rgb(93, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(93, 216,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3358, 56.3452, 72.9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 216, 215) }
```

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

```
.background{ background-color: rgb(93, 216,  
215) }
```

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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