

Converting Colors

XYZ(46.3833, 56.1700, 68.2386)

Have a look what the booklet for
XYZ(46.3833, 56.1700, 68.2386)
contains.

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Color

**XYZ(46.3355, 56.0554,
68.0521)**

Conversions

Conversions Part 1

Format	Color
Hex	95D0D0
RGB	149, 208, 208
RGB Percent	58%, 82%, 82%
CMY	0.4157, 0.1843, 0.1843
CMYK	0.28, 0.00, 0.00, 0.18
HSL	180°, 39%, 70%
HSV	180°, 28%, 82%
XYZ	46.3355, 56.0554, 68.0521
YIQ	190.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

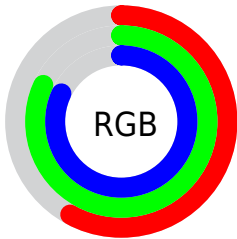
Format	Color
RYB	149, 179, 208
Decimal	9818320
CIELab	79.65, -18.75, -6.09
CIELCh	80, 19.714, 198.000
Yxy	56.0554, 0.2719, 0.3289
Android (android.graphics.Color)	4288008400 (0xFF95D0D0)
YUV	190.3590, 8.6970, -36.2718
Hunter-Lab	74.8702, -20.5530, -1.4816

Details

The XYZ color **46.3355, 56.0554, 68.0521** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1867, 37.0764, 33.3691**, and the grayscale version is **49.1178, 51.6757, 56.2749**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **22.0478, 27.6024, 34.7376** is the 20% darker color. If you saturate the color by 10%, you get **42.8747, 54.2727, 67.8908**, and if you desaturate by 10%, it is **50.4774, 58.1920, 68.2477**.

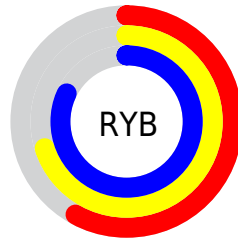
Distribution



Red (58%)

Green (82%)

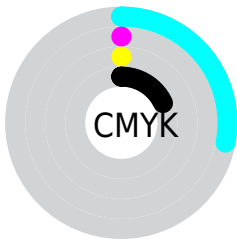
Blue (82%)



Red (58%)

Yellow (70%)

Blue (82%)

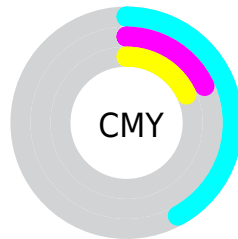


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3355, 56.0554, 68.0521 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 46.3355, 56.0554, 68.0521 by changing the saturation by 10% instead.

■ 46.3355, 56.0554,
68.0521

■ 46.3355, 56.0554,
68.0521

362.8492,
409.9002, 472.2837

■ 32.7164, 40.2473,
49.4732

■ 83.9457, 99.0856,
118.0816

■ 22.0675, 27.7314,
34.6267

■ 108.6675,
127.0765, 150.3692

■ 14.0234, 18.1233,
23.0942

137.8208,
159.8971, 188.0635

■ 8.2187, 11.0386,
14.4571

171.7712,
197.9319, 231.5830

■ 4.2882, 6.0928,
8.2969

210.8838,
241.5652, 281.3462

■ 1.8664, 2.9016,
4.1950

255.5241,

■ 0.5572, 1.0806,

291.1814, 337.7717

1.7329

306.0575,
347.1650, 401.2780

■ 0.0000, 0.0000,
0.3832

■ 0.0000, 0.0000,
0.0000

■ 46.3355, 56.0554,
68.0521

■ 46.3355, 56.0554,
68.0521

■ 42.8747, 54.2727,
67.8908

■ 50.4774, 58.1920,
68.2477

■ 40.0538, 52.8185,
67.7582

■ 55.3287, 60.6930,
68.4754

■ 37.8352, 51.6748,
67.6537

■ 60.9224, 63.5766,
68.7377

■ 36.1751, 50.8190,
67.5755

■ 67.2878, 66.8581,
69.0362

■ 35.0238, 50.2255,
67.5210

■ 74.4525, 70.5516,
69.3721

■ 34.3230, 49.8642,
67.4876

■ 75.1828, 70.9281,
69.4068

■ 33.9840, 49.6894,
67.4712

■ 75.1830, 70.9281,
69.4074

■ 33.9414, 49.6675,
67.4691

■ 75.1831, 70.9282,
69.4080

■ 75.1832, 70.9282,
69.4086

Harmonies

Analogous

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



46.1471, 56.0554, 56.5961



46.3355, 56.0554, 68.0521



48.3266, 56.0554, 78.7899

Triad

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



46.3355, 56.0554, 68.0521



59.1632, 56.0554, 76.8844



54.8839, 56.0554, 42.0298

Complementary

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



46.3355, 56.0554, 68.0521



42.1867, 37.0764, 33.3691

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.



58.5586, 56.0554, 46.1701



46.3355, 56.0554, 68.0521



61.1102, 56.0554, 65.6998

Square

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



46.3355, 56.0554, 68.0521



55.6760, 56.0554, 84.3094



60.8836, 56.0554, 54.5173



50.9518, 56.0554, 42.4940

Rectangle

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



46.3355, 56.0554, 68.0521



50.4668, 56.0554, 83.6630



60.8836, 56.0554, 54.5173



56.1937, 56.0554, 42.9057

Sweetspot

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



46.3371, 56.0577, 68.0534



87.1048, 95.9041, 108.5273



40.5570, 53.7664, 36.6754



18.3888, 20.3959, 23.2173



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.



46.3371, 56.0577, 68.0534



70.0218, 87.0976, 107.7255



39.9985, 43.3798, 65.9421



12.1584, 13.4071, 15.1905



21.1533, 30.9542, 42.0488



1.1828, 1.7308, 2.3511

Inverse Universe

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



42.1867, 37.0764, 33.3691



62.3943, 52.2147, 43.9842



47.2637, 47.2306, 35.0604



11.8088, 11.8083, 12.2690



16.2124, 8.3578, 0.7589



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 46.3355, 56.0554, 68.0521 looks on a white background.

Color Contrast Check

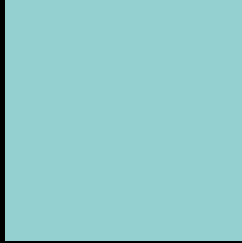
Large Text (above 18pt) WCAG AA × Fail

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 46.3355, 56.0554, 68.0521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

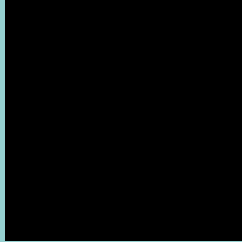
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3355, 56.0554, 68.0521

Background



This preview shows how black text looks on a background with the XYZ color 46.3355, 56.0554, 68.0521.

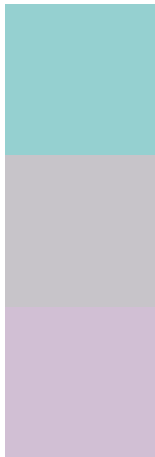


This preview shows how white text looks on a background with the XYZ color 46.3355, 56.0554,

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

46.3355, 56.0554, 68.0521

Protanopia

53.8357, 55.8390, 63.1989

Deuteranopia

56.8090, 55.5704, 70.0194



Tritanopia

48.2050, 56.0919, 77.3934

Trichromacy



Original Color

46.3355, 56.0554, 68.0521

Protanomaly

50.6094, 55.4919, 65.1704

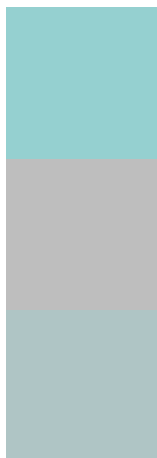
Deuteranomaly

52.2176, 55.2004, 69.5306

Tritanomaly

47.5997, 56.2147, 73.9874

Monochromacy



Original Color

46.3355, 56.0554, 68.0521

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.7235, 53.0777, 60.5530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3355, 56.0554, 68.0521 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(149, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 208, 208)  
}
```

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(149, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 46.3355, 56.0554, 68.0521 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(149, 208, 208) }
```


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

```
.border{ border-color:rgb(149, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3355, 56.0554, 68.0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 208, 208) }
```

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

```
.background{ background-color: rgb(149,  
208, 208) }
```

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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