

Converting Colors

XYZ(46.4540, 55.6625, 65.6953)

Have a look what the booklet for
XYZ(46.4540, 55.6625, 65.6953)
contains.

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Color

**XYZ(46.5383, 55.8553,
65.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	9ACFCC
RGB	154, 207, 204
RGB Percent	60%, 81%, 80%
CMY	0.3961, 0.1882, 0.2000
CMYK	0.26, 0.00, 0.01, 0.19
HSL	177°, 36%, 71%
HSV	177°, 26%, 81%
XYZ	46.5383, 55.8553, 65.4551
YIQ	190.8110, -30.6250, -12.1690

Conversions

Conversions Part 2

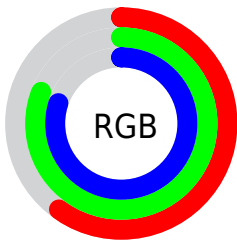
Format	Color
RYB	154, 181, 207
Decimal	10145740
CIELab	79.53, -17.68, -4.09
CIELCh	80, 18.150, 193.007
Yxy	55.8553, 0.2773, 0.3328
Android (android.graphics.Color)	4288335820 (0xFF9ACFCC)
YUV	190.8110, 6.5022, -32.2832
Hunter-Lab	74.7364, -19.6369, 0.3885

Details

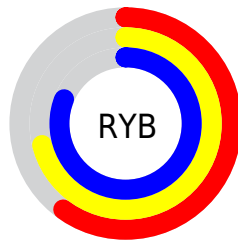
The XYZ color **46.5383, 55.8553, 65.4551** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3754, 38.8124, 37.1058**, and the grayscale version is **49.3893, 51.9614, 56.5859**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **22.2631, 27.7512, 33.0373** is the 20% darker color. If you saturate the color by 10%, you get **42.7935, 53.9424, 64.5495**, and if you desaturate by 10%, it is **50.9668, 58.1234, 66.4006**.

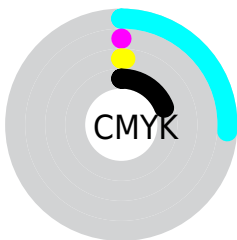
Distribution



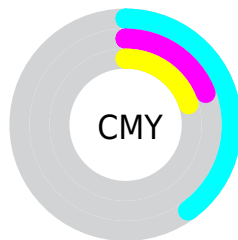
- Red (60%)
- Green (81%)
- Blue (80%)



- Red (60%)
- Yellow (71%)
- Blue (81%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (40%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5383, 55.8553, 65.4551 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 46.5383, 55.8553, 65.4551 by changing the saturation by 10% instead.


 46.5383, 55.8553,
65.4551


 46.5383, 55.8553,
65.4551


363.6484,
409.1460, 462.7765

 32.8772, 40.0869,
47.3765


 84.2470, 98.7930,
114.3234

 22.1912, 27.6063,
32.9769


 109.0253,
126.7311, 145.9503

 14.1148, 18.0291,
21.8378


138.2401,
159.4945, 182.9302

 8.2828, 10.9709,
13.5406

172.2567,
197.4677, 225.6819

 4.3298, 6.0473,
7.6668

211.4405,
241.0351, 274.6239

 1.8903, 2.8738,
3.7978

256.1568,

 0.5712, 1.0662,

290.5810, 330.1746

1.5151

306.7709,
346.4898, 392.7526

■ 0.0000, 0.0000,
0.2291

■ 0.0000, 0.0000,
0.0000

■ 46.5383, 55.8553,
65.4551

■ 46.5383, 55.8553,
65.4551

■ 42.7935, 53.9424,
64.5495

■ 50.9668, 58.1234,
66.4006

■ 39.6927, 52.3599,
63.6784

■ 56.1065, 60.7566,
67.3838

■ 37.1995, 51.0906,
62.8412

■ 61.9894, 63.7728,
68.4072

■ 35.2720, 50.1128,
62.0359

■ 68.6439, 67.1866,
69.4724

■ 33.8630, 49.4021,
61.2604

■ 75.1698, 70.5340,
70.5371

■ 32.9175, 48.9303,
60.5121

■ 75.3164, 70.5927,
71.3089

■ 32.3679, 48.6624,
59.7878

■ 75.4640, 70.6517,
72.0863

■ 32.1955, 48.5803,
59.4744

■ 75.6127, 70.7112,
72.8693

■ 75.7625, 70.7711,
73.6581

Harmonies

Analogous

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



46.6542, 55.8553, 55.1282



46.5383, 55.8553, 65.4551



48.1188, 55.8553, 75.5870

Triad

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



46.5383, 55.8553, 65.4551



58.0225, 55.8553, 76.7359



55.1670, 55.8553, 43.5446

Complementary

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



46.5383, 55.8553, 65.4551



43.3754, 38.8124, 37.1058

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.



58.3897, 55.8553, 48.1084



46.5383, 55.8553, 65.4551



60.0894, 55.8553, 66.8841

Square

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



46.5383, 55.8553, 65.4551



54.6845, 55.8553, 82.5848



60.2268, 55.8553, 56.4032



51.5244, 55.8553, 43.2556

Rectangle

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



46.5383, 55.8553, 65.4551



49.9658, 55.8553, 80.5485



60.2268, 55.8553, 56.4032



56.3393, 55.8553, 44.6035

Sweetspot

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



46.5399, 55.8576, 65.4564



87.7535, 96.2599, 107.5902



42.1561, 54.1829, 38.8093



18.5078, 20.4626, 22.9770



0.0000, 0.0000, 0.0000



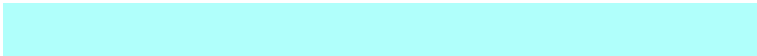
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.5399, 55.8576, 65.4564



70.9905, 87.6792, 104.0543



41.7379, 45.6716, 65.6498



12.1282, 13.3950, 15.0317



20.2958, 30.6112, 37.5333



1.1438, 1.7152, 2.1461

Inverse Universe

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



43.3754, 38.8124, 37.1058



65.0375, 55.6038, 50.7138



47.2823, 47.0315, 37.1587



11.8355, 11.8189, 12.4096



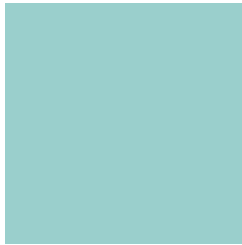
16.2646, 8.3787, 1.0338



0.9192, 0.4724, 0.1091

Previews

White Background



This preview shows how the XYZ color 46.5383, 55.8553, 65.4551 looks on a white background.

Color Contrast Check

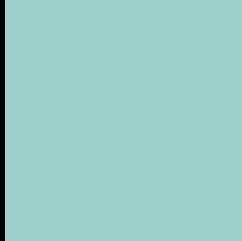
Large Text (above 18pt) WCAG AA × Fail

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 46.5383, 55.8553, 65.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

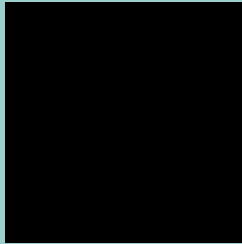
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5383, 55.8553, 65.4551

Background



This preview shows how black text looks on a background with the XYZ color 46.5383, 55.8553, 65.4551.

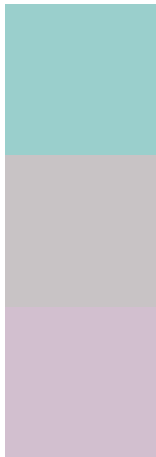


This preview shows how white text looks on a background with the XYZ color 46.5383, 55.8553,

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

46.5383, 55.8553, 65.4551

Protanopia

53.4126, 55.3408, 60.6900

Deuteranopia

56.4716, 55.4682, 66.7615



Tritanopia

48.7446, 55.6753, 76.5839

Trichromacy



Original Color

46.5383, 55.8553, 65.4551

Protanomaly

50.3772, 55.0843, 62.6207

Deuteranomaly

52.3420, 55.3359, 66.3147

Tritanomaly

48.0017, 55.7370, 72.5183

Monochromacy



Original Color

46.5383, 55.8553, 65.4551

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.2902, 53.3830, 59.9833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5383, 55.8553, 65.4551 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(154, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(154, 207, 204)  
}
```

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(154, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 207, 204) }
```

Border

The CSS property to change the border of an element to XYZ 46.5383, 55.8553, 65.4551 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(154, 207, 204) }
```


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

```
.border{ border-color:rgb(154, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(154, 207,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5383, 55.8553, 65.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 207, 204) }
```

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

```
.background{ background-color: rgb(154,  
207, 204) }
```

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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