

Converting Colors

XYZ(45.4729, 56.1683, 60.1185)

Have a look what the booklet for
XYZ(45.4729, 56.1683, 60.1185)
contains.

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Color

**XYZ(45.4133, 56.1204,
60.0685)**

Conversions

Conversions Part 1

Format	Color
Hex	97D1C3
RGB	151, 209, 195
RGB Percent	59%, 82%, 76%
CMY	0.4078, 0.1804, 0.2353
CMYK	0.28, 0.00, 0.07, 0.18
HSL	166°, 39%, 71%
HSV	166°, 28%, 82%
XYZ	45.4133, 56.1204, 60.0685
YIQ	190.0620, -30.0740, -16.6500

Conversions

Conversions Part 2

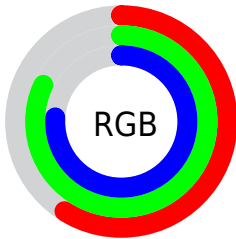
Format	Color
RYB	151, 184, 209
Decimal	9949635
CIELab	79.68, -21.54, 0.94
CIELCh	80, 21.557, 177.504
Yxy	56.1204, 0.2810, 0.3473
Android (android.graphics.Color)	4288139715 (0xFF97D1C3)
YUV	190.0620, 2.4344, -34.2574
Hunter-Lab	74.9136, -22.8903, 4.8985

Details

The XYZ color **45.4133, 56.1204, 60.0685** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.1546, 38.4067, 40.6857**, and the grayscale version is **48.9794, 51.5301, 56.1163**.

A 20% lighter version of the original color is **78.7843, 91.6701, 105.6372**, and **21.4003, 27.6310, 29.4047** is the 20% darker color. If you saturate the color by 10%, you get **41.3125, 54.0726, 56.9495**, and if you desaturate by 10%, it is **50.2242, 58.5350, 63.3238**.

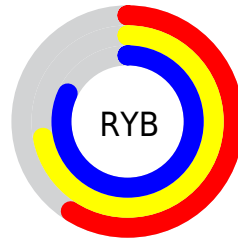
Distribution



Red (59%)

Green (82%)

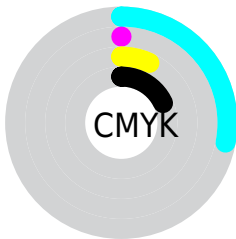
Blue (76%)



Red (59%)

Yellow (72%)

Blue (82%)

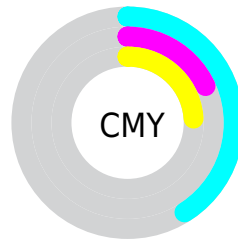


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (41%)


Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4133, 56.1204, 60.0685 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 45.4133, 56.1204, 60.0685 by changing the saturation by 10% instead.


 45.4133, 56.1204,
60.0685


 45.4133, 56.1204,
60.0685


359.2005,
410.1451, 442.6619

 31.9858, 40.2995,
43.0482


 82.5735, 99.1806,
106.4734

 21.5061, 27.7721,
29.5912


 107.0369,
127.1886, 136.6950

 13.6090, 18.1539,
19.2791


135.9096,
160.0278, 172.1542

 7.9291, 11.0606,
11.6933

169.5570,
198.0826, 213.2694

 4.1010, 6.1076,
6.4152

208.3444,
241.7373, 260.4593

 1.7595, 2.9106,
3.0263

252.6372,

 0.4931, 1.0852,

291.3764, 314.1423

1.1081

302.8008,
347.3842, 374.7370

■ 0.0000, 0.0000,
0.0000

■ 45.4133, 56.1204,
60.0685

■ 45.4133, 56.1204,
60.0685

■ 41.3125, 54.0726,
56.9495

■ 50.2242, 58.5350,
63.3238

■ 37.8804, 52.3660,
53.9603

■ 55.7743, 61.3268,
66.7141

■ 35.0789, 50.9822,
51.0992

■ 62.0967, 64.5146,
70.2431

■ 32.8638, 49.8985,
48.3633

■ 69.2213, 68.1136,
73.9132

■ 31.1851, 49.0892,
45.7492

■ 76.9903, 72.0425,
77.7178

■ 29.9840, 48.5240,
43.2530

■ 77.6698, 72.3143,
81.2960

■ 29.1776, 48.1602,
40.8698

■ 78.3696, 72.5942,
84.9815

■ 29.0202, 48.0905,
40.3479

■ 79.0900, 72.8824,
88.7750

■ 79.8311, 73.1788,
92.6775

Harmonies

Analogous

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



46.5926, 56.1204, 49.1188



45.4133, 56.1204, 60.0685



46.2606, 56.1204, 72.8491

Triad

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



45.4133, 56.1204, 60.0685



57.2975, 56.1204, 84.9101



57.9616, 56.1204, 43.0466

Complementary

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



45.4133, 56.1204, 60.0685



44.1546, 38.4067, 40.6857

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.



61.1088, 56.1204, 50.6972



45.4133, 56.1204, 60.0685



60.7109, 56.1204, 74.8992

Square

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



45.4133, 56.1204, 60.0685



52.9774, 56.1204, 88.2973



62.1409, 56.1204, 62.1545



53.7058, 56.1204, 40.1623

Rectangle

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



45.4133, 56.1204, 60.0685



47.8877, 56.1204, 80.5242



62.1409, 56.1204, 62.1545



59.1929, 56.1204, 45.0904

Sweetspot

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



45.4149, 56.1227, 60.0698



87.1561, 96.0210, 104.4445



44.0094, 55.8908, 37.7476



18.3563, 20.4021, 22.1795



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.



45.4149, 56.1227, 60.0698



67.4718, 86.1410, 91.4294



43.6761, 49.9913, 67.6716



12.0313, 13.3563, 14.5210



17.9326, 29.6660, 25.0891



1.0327, 1.6707, 1.5609

Inverse Universe

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



44.1546, 38.4067, 40.6857



65.1968, 54.0981, 56.3914



45.4278, 42.8823, 35.1619



11.9241, 11.8544, 12.8760



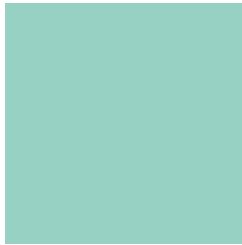
16.6062, 8.5153, 2.8326



0.9605, 0.4889, 0.3266

Previews

White Background



This preview shows how the XYZ color 45.4133, 56.1204, 60.0685 looks on a white background.

Color Contrast Check

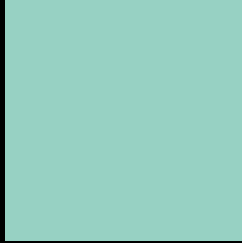
Large Text (above 18pt) WCAG AA × Fail

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 45.4133, 56.1204, 60.0685 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

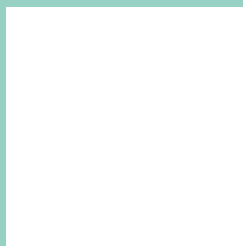
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4133, 56.1204, 60.0685

Background



This preview shows how black text looks on a background with the XYZ color 45.4133, 56.1204, 60.0685.

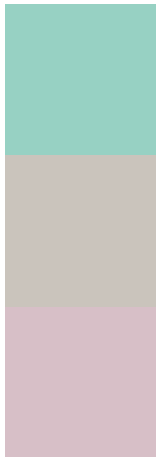


This preview shows how white text looks on a background with the XYZ color 45.4133, 56.1204,

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

45.4133, 56.1204, 60.0685

Protanopia

53.1741, 55.6673, 55.5192

Deuteranopia

56.9639, 55.8322, 61.8072



Tritanopia

48.7871, 56.0512, 76.6542

Trichromacy



Original Color

45.4133, 56.1204, 60.0685

Protanomaly

49.8191, 55.6022, 57.3968

Deuteranomaly

52.1254, 55.6719, 61.4245

Tritanomaly

47.4725, 55.8646, 70.5682

Monochromacy



Original Color

45.4133, 56.1204, 60.0685

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.3852, 52.9684, 57.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4133, 56.1204, 60.0685 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(151, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(151, 209, 195)  
}
```

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(151, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 209, 195) }
```

Border

The CSS property to change the border of an element to XYZ 45.4133, 56.1204, 60.0685 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(151, 209, 195) }
```


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

```
.border{ border-color:rgb(151, 209, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 209, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(151, 209,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4133, 56.1204, 60.0685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 209, 195) }
```

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

```
.background{ background-color: rgb(151,  
209, 195) }
```

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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