

Converting Colors

XYZ(46.0128, 50.9759, 55.5984)

Have a look what the booklet for
XYZ(46.0128, 50.9759, 55.5984)
contains.

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Color

**XYZ(45.9345, 50.9280,
55.5532)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC1BD
RGB	175, 193, 189
RGB Percent	69%, 76%, 74%
CMY	0.3137, 0.2431, 0.2588
CMYK	0.09, 0.00, 0.02, 0.24
HSL	167°, 13%, 72%
HSV	167°, 9%, 76%
XYZ	45.9345, 50.9280, 55.5532
YIQ	187.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

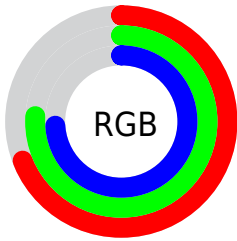
Format	Color
R_{YB}	175, 185, 193
Decimal	11518397
CIE Lab	76.64, -6.91, -0.10
CIE LCh	77, 6.914, 180.805
Yxy	50.9280, 0.3014, 0.3341
Android (android.graphics.Color)	4289708477 (0xFFAFC1BD)
YUV	187.1620, 0.9061, -10.6661
Hunter-Lab	71.3639, -9.9923, 3.8004

Details

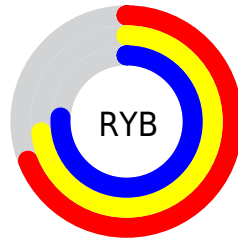
The XYZ color **45.9345, 50.9280, 55.5532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4609, 45.2535, 48.9890**, and the grayscale version is **47.3256, 49.7902, 54.2215**.

A 20% lighter version of the original color is **83.3121, 91.3329, 99.6242**, and **21.7026, 24.3804, 26.8546** is the 20% darker color. If you saturate the color by 10%, you get **41.4498, 48.6705, 52.9483**, and if you desaturate by 10%, it is **51.0550, 53.5145, 58.2620**.

Distribution



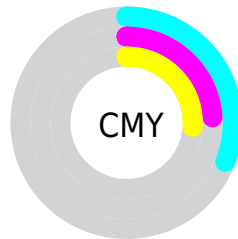
- Red (69%)
- Green (76%)
- Blue (74%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9345, 50.9280, 55.5532 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 45.9345, 50.9280, 55.5532 by changing the saturation by 10% instead.

■ 45.9345, 50.9280,
55.5532

■ 45.9345, 50.9280,
55.5532

361.2656,
390.2840, 425.3464

■ 32.3985, 36.1513,
39.4432

■ 83.3494, 91.5483,
99.8303

■ 21.8231, 24.5511,
26.7942

107.9591,
118.1608, 128.8344

■ 13.8429, 15.7429,
17.1877

136.9907,
149.4872, 162.9738

■ 8.0924, 9.3424,
10.2050

170.8097,
185.9122, 202.6668

■ 4.2064, 4.9652,
5.4277

209.7813,
227.8199, 248.3320

■ 1.8196, 2.2269,
2.4372

254.2709,

■ 0.5294, 0.7346,

275.5948, 300.3880

0.8066

304.6439,
329.6214, 359.2533

■ 0.0000, 0.0000,
0.0000

■ 45.9345, 50.9280,
55.5532

■ 45.9345, 50.9280,
55.5532

■ 41.4498, 48.6705,
52.9483

■ 51.0550, 53.5145,
58.2620

■ 37.5704, 46.7220,
50.4420

■ 56.8317, 56.4363,
61.0729

■ 34.2696, 45.0703,
48.0335

■ 63.2895, 59.7075,
63.9890

■ 31.5170, 43.6996,
45.7208

■ 70.4504, 63.3396,
67.0117

■ 29.2794, 42.5929,
43.5016

■ 72.0010, 64.0778,
69.8461

■ 27.5199, 41.7311,
41.3737

■ 72.5445, 64.2953,
72.7084

■ 26.1967, 41.0928,
39.3343

■ 73.1025, 64.5185,
75.6468

■ 25.2604, 40.6524,
37.3805

■ 73.6751, 64.7475,
78.6620

■ 24.6227, 40.3644,
35.5076

■ 74.2624, 64.9824,
81.7545

Harmonies

Analogous

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



46.2434, 50.9280, 52.0128



45.9345, 50.9280, 55.5532



46.2777, 50.9280, 59.2224

Triad

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



45.9345, 50.9280, 55.5532



49.7048, 50.9280, 61.8703



49.6425, 50.9280, 49.3998

Complementary

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



45.9345, 50.9280, 55.5532



45.4609, 45.2535, 48.9890

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.



50.5976, 50.9280, 51.8450



45.9345, 50.9280, 55.5532



50.6340, 50.9280, 59.0394

Square

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



45.9345, 50.9280, 55.5532



48.4409, 50.9280, 62.9689



50.9636, 50.9280, 55.3508



48.3702, 50.9280, 48.5583

Rectangle

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



45.9345, 50.9280, 55.5532



46.8338, 50.9280, 61.2225



50.9636, 50.9280, 55.3508



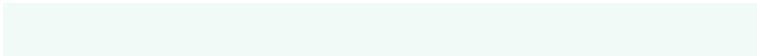
50.0121, 50.9280, 50.0559

Sweetspot

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



45.9359, 50.9301, 55.5543



87.8904, 94.0495, 102.5177



45.4461, 50.8448, 47.9771



18.6943, 20.0954, 21.9088



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



45.9359, 50.9301, 55.5543



80.7017, 90.4224, 98.6190



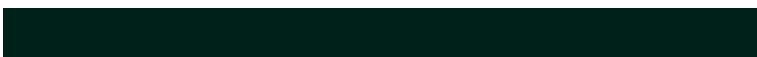
45.3324, 49.0181, 57.5267



10.2696, 11.3889, 12.4229



16.3810, 26.8464, 23.6970



0.7320, 1.1697, 1.1516

Inverse Universe

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



45.4609, 45.2535, 48.9890



79.6954, 78.3972, 84.7119



46.0128, 46.9960, 47.2043



10.1629, 10.1138, 10.9482



14.9417, 7.6664, 2.3390



0.6724, 0.3420, 0.2422

Previews

White Background



This preview shows how the XYZ color 45.9345, 50.9280, 55.5532 looks on a white background.

Color Contrast Check

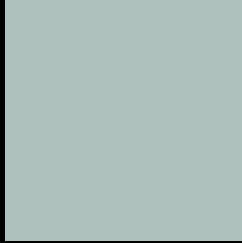
Large Text (above 18pt) WCAG AA × Fail

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 45.9345, 50.9280, 55.5532 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

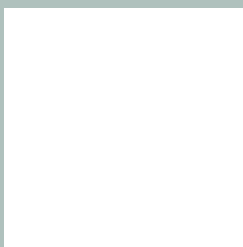
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.9345, 50.9280, 55.5532

Background



This preview shows how black text looks on a background with the XYZ color 45.9345, 50.9280, 55.5532.



This preview shows how white text looks on a background with the XYZ color 45.9345, 50.9280,

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

45.9345, 50.9280, 55.5532

Protanopia

48.8385, 50.8491, 53.6952

Deuteranopia

51.7911, 50.7504, 56.3563



Tritanopia

47.9141, 50.7481, 65.6625

Trichromacy



Original Color

45.9345, 50.9280, 55.5532

Protanomaly

47.6328, 50.8539, 54.3190

Deuteranomaly

49.5703, 50.8605, 55.9196

Tritanomaly

47.1876, 50.7788, 61.9578

Monochromacy



Original Color

45.9345, 50.9280, 55.5532

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.8031, 50.0933, 54.7791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9345, 50.9280, 55.5532 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(175, 193, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 193, 189)  
}
```

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(175, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 193, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.9345, 50.9280, 55.5532 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(175, 193, 189) }
```


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

```
.border{ border-color:rgb(175, 193, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 193, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 193, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 193,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9345, 50.9280, 55.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 193, 189) }
```

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

```
.background{ background-color: rgb(175,  
193, 189) }
```

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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