

Converting Colors

XYZ(45.0679, 49.7410, 55.3160)

Have a look what the booklet for
XYZ(45.0679, 49.7410, 55.3160)
contains.

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Color

**XYZ(45.0497, 49.8200,
55.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBFB D
RGB	173, 191, 189
RGB Percent	68%, 75%, 74%
CMY	0.3216, 0.2510, 0.2588
CMYK	0.09, 0.00, 0.01, 0.25
HSL	173°, 12%, 71%
HSV	173°, 9%, 75%
XYZ	45.0497, 49.8200, 55.3860
YIQ	185.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

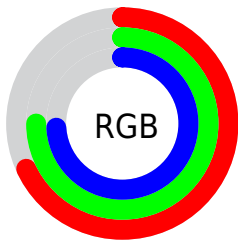
Format	Color
RYB	173, 183, 191
Decimal	11386813
CIELab	75.96, -6.53, -1.10
CIELCh	76, 6.625, 189.588
Yxy	49.8200, 0.2998, 0.3316
Android (android.graphics.Color)	4289576893 (0xFFADBFBDBD)
YUV	185.3900, 1.7797, -10.8660
Hunter-Lab	70.5833, -9.5933, 2.8840

Details

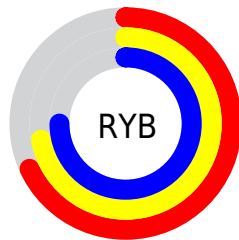
The XYZ color **45.0497, 49.8200, 55.3860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1691, 44.0600, 46.7362**, and the grayscale version is **46.3269, 48.7395, 53.0773**.

A 20% lighter version of the original color is **82.0553, 89.7721, 99.3892**, and **21.4176, 24.0195, 26.7999** is the 20% darker color. If you saturate the color by 10%, you get **40.8958, 47.7064, 53.9972**, and if you desaturate by 10%, it is **49.8137, 52.2504, 56.8231**.

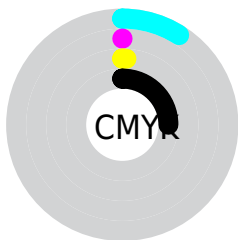
Distribution



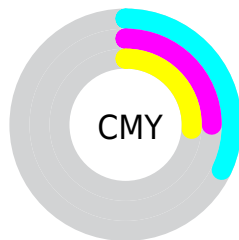
- Red (68%)
- Green (75%)
- Blue (74%)



- Red (68%)
- Yellow (72%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.0497, 49.8200, 55.3860 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 45.0497, 49.8200, 55.3860 by changing the saturation by 10% instead.

■ 45.0497, 49.8200,
55.3860

■ 45.0497, 49.8200,
55.3860

357.7551,
385.9616, 424.6966

■ 31.6980, 35.2704,
39.3102

■ 82.0316, 89.9081,
99.5831

■ 21.2854, 23.8712,
26.6914

106.3925,
116.2154, 128.5414

■ 13.4464, 15.2381,
17.1112

135.1539,
147.2108, 162.6310

■ 7.8158, 8.9867,
10.1510

168.6811,
183.2785, 202.2704

■ 4.0281, 4.7325,
5.3923

207.3395,
224.8031, 247.8781

■ 1.7180, 2.0912,
2.4165

251.4943,

■ 0.4675, 0.6597,

272.1689, 299.8727

0.7954

301.5111,
325.7602, 358.6726

■ 0.0000, 0.0000,
0.0000

■ 45.0497, 49.8200,
55.3860

■ 45.0497, 49.8200,
55.3860

■ 40.8958, 47.7064,
53.9972

■ 49.8137, 52.2504,
56.8231

■ 37.3221, 45.8902,
52.6520

■ 55.2075, 55.0038,
58.3064

■ 34.3028, 44.3593,
51.3503

■ 61.2551, 58.0938,
59.8380

■ 31.8084, 43.0987,
50.0906

■ 67.9782, 61.5317,
61.4191

■ 29.8065, 42.0916,
48.8713

■ 70.2535, 62.6762,
62.8101

■ 28.2613, 41.3196,
47.6906

■ 70.5030, 62.7760,
64.1242

■ 27.1321, 40.7616,
46.5466

■ 70.7561, 62.8772,
65.4565

■ 26.3708, 40.3929,
45.4370

■ 71.0126, 62.9798,
66.8072

■ 25.8895, 40.1682,
44.3575

■ 71.2725, 63.0838,
68.1763

Harmonies

Analogous

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



45.1619, 49.8200, 51.9084



45.0497, 49.8200, 55.3860



45.5462, 49.8200, 58.6951

Triad

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



45.0497, 49.8200, 55.3860



48.8816, 49.8200, 59.6562



48.1853, 49.8200, 48.1191

Complementary

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



45.0497, 49.8200, 55.3860



44.1691, 44.0600, 46.7362

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.



49.2058, 49.8200, 50.0267



45.0497, 49.8200, 55.3860



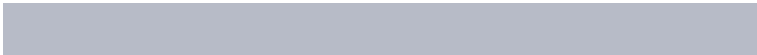
49.6126, 49.8200, 56.6517

Square

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



45.0497, 49.8200, 55.3860



47.7490, 49.8200, 61.2302



49.7323, 49.8200, 53.1208



46.9580, 49.8200, 47.8133

Rectangle

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



45.0497, 49.8200, 55.3860



46.1607, 49.8200, 60.3235



49.7323, 49.8200, 53.1208



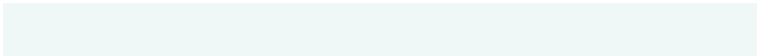
48.5645, 49.8200, 48.5902

Sweetspot

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



45.0511, 49.8221, 55.3871



85.9943, 91.9348, 100.8242



43.8768, 49.4064, 46.7598



18.7294, 20.1094, 22.0940



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.



45.0511, 49.8221, 55.3871



79.3042, 88.5248, 98.7524



43.8003, 46.9701, 56.0503



9.7616, 10.7908, 11.9941



17.0153, 26.3964, 29.2069



0.6797, 1.0392, 1.2136

Inverse Universe

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



44.1691, 44.0600, 46.7362



77.4537, 76.4354, 80.6025



45.3315, 46.6973, 46.1602



9.5722, 9.5532, 10.1361



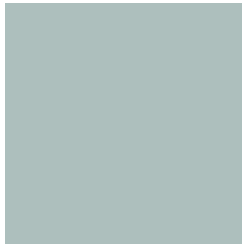
14.2261, 7.3216, 1.2182



0.5718, 0.2926, 0.1241

Previews

White Background



This preview shows how the XYZ color 45.0497, 49.8200, 55.3860 looks on a white background.

Color Contrast Check

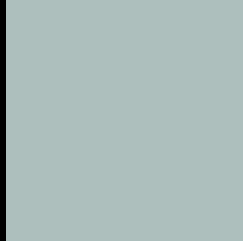
Large Text (above 18pt) WCAG AA × Fail

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 45.0497, 49.8200, 55.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

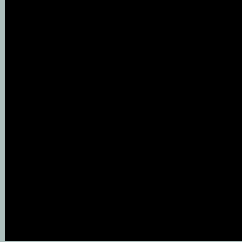
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0497, 49.8200, 55.3860

Background



This preview shows how black text looks on a background with the XYZ color 45.0497, 49.8200, 55.3860.

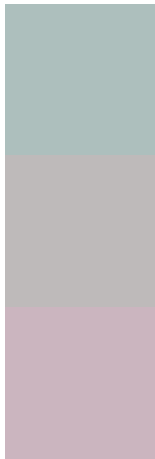


This preview shows how white text looks on a background with the XYZ color 45.0497, 49.8200,

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

45.0497, 49.8200, 55.3860

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.5564, 49.5058, 56.1812



Tritanopia

47.0012, 49.9849, 64.2976

Trichromacy



Original Color

45.0497, 49.8200, 55.3860

Protanomaly

46.7200, 49.7446, 54.1530

Deuteranomaly

48.3815, 49.6221, 55.7432

Tritanomaly

46.4015, 50.0644, 61.2506

Monochromacy



Original Color

45.0497, 49.8200, 55.3860

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.6893, 48.9096, 53.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0497, 49.8200, 55.3860 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(173, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 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(173, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 189) }
```

Border

The CSS property to change the border of an element to XYZ 45.0497, 49.8200, 55.3860 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(173, 191, 189) }
```


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

```
.border{ border-color:rgb(173, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0497, 49.8200, 55.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 189) }
```

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

```
.background{ background-color: rgb(173,  
191, 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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