

Converting Colors

XYZ(45.6452, 51.9658, 35.1538)

Have a look what the booklet for
XYZ(45.6452, 51.9658, 35.1538)
contains.

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Color

**XYZ(45.5206, 51.8282,
35.2084)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC393
RGB	188, 195, 147
RGB Percent	74%, 76%, 58%
CMY	0.2627, 0.2353, 0.4235
CMYK	0.04, 0.00, 0.25, 0.24
HSL	69°, 29%, 67%
HSV	69°, 25%, 76%
XYZ	45.5206, 51.8282, 35.2084
YIQ	187.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

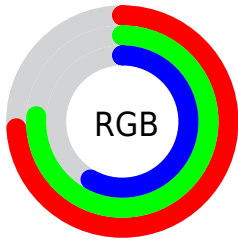
Format	Color
RYB	147, 195, 154
Decimal	12370835
CIELab	77.18, -10.43, 23.38
CIELCh	77, 25.600, 114.054
Yxy	51.8282, 0.3434, 0.3910
Android (android.graphics.Color)	4290560915 (0xFFBCC393)
YUV	187.4350, -19.9345, 0.4955
Hunter-Lab	71.9918, -13.1197, 21.3978

Details

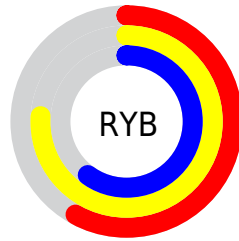
The XYZ color **45.5206, 51.8282, 35.2084** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6125, 31.6790, 55.9758**, and the grayscale version is **47.5857, 50.0639, 54.5195**.

A 20% lighter version of the original color is **83.0092, 93.2503, 68.8824**, and **21.4677, 24.9626, 14.7531** is the 20% darker color. If you saturate the color by 10%, you get **43.4247, 50.9114, 27.7885**, and if you desaturate by 10%, it is **47.8924, 52.8605, 43.9973**.

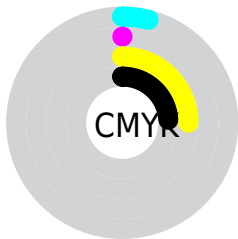
Distribution



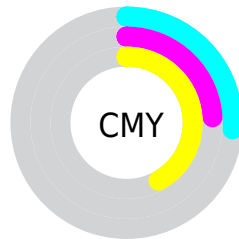
- Red (74%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5206, 51.8282, 35.2084 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 45.5206, 51.8282, 35.2084 by changing the saturation by 10% instead.

■ 45.5206, 51.8282,
35.2084

■ 45.5206, 51.8282,
35.2084

359.6263,
393.7730, 340.4194

■ 32.0707, 36.8682,
23.5386

■ 82.7333, 92.8778,
68.9637

■ 21.5713, 25.1054,
14.7827

■ 107.2269,
119.7362, 91.8863

■ 13.6571, 16.1556,
8.5221

136.1324,
151.3295, 119.3970

■ 7.9627, 9.6343,
4.3383

169.8152,
188.0420, 151.9142

■ 4.1227, 5.1572,
1.8127

208.6406,
230.2582, 189.8565

■ 1.7718, 2.3398,
0.4363

252.9740,

■ 0.5006, 0.7946,

278.3626, 233.6424

0.0000

303.1808,
332.7393, 283.6905

■ 0.0000, 0.0000,
0.0000

■ 45.5206, 51.8282,
35.2084

■ 45.5206, 51.8282,
35.2084

■ 43.4247, 50.9114,
27.7885

■ 47.8924, 52.8605,
43.9973

■ 41.5876, 50.0980,
21.6655

■ 50.5484, 54.0063,
54.2160

■ 39.9963, 49.3844,
16.7657


■ 53.5014, 55.2725,
65.9254

■ 38.6350, 48.7645,
13.0064


■ 56.7621, 56.6634,
79.1823


■ 37.4862, 48.2310,
10.2951


■ 60.3409, 58.1832,
94.0401

 36.5293, 47.7759,
8.5246


 62.7633, 59.2420,
102.7346

 35.7396, 47.3893,
7.5650

 63.5559, 59.6506,
102.7717

 35.3576, 47.1990,
7.2468

 64.3628, 60.0666,
102.8095

 65.1841, 60.4900,
102.8479

Harmonies

Analogous

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



50.2434, 51.8282, 33.6281



45.5206, 51.8282, 35.2084



42.0220, 51.8282, 42.0311

Triad

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



45.5206, 51.8282, 35.2084



43.9360, 51.8282, 81.2106



59.2366, 51.8282, 59.2730

Complementary

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



45.5206, 51.8282, 35.2084



33.6125, 31.6790, 55.9758

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.



57.2873, 51.8282, 73.7957



45.5206, 51.8282, 35.2084



48.2918, 51.8282, 87.7413

Square

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



45.5206, 51.8282, 35.2084



41.1505, 51.8282, 68.1576



53.2012, 51.8282, 84.8249



58.3731, 51.8282, 46.1350

Rectangle

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



45.5206, 51.8282, 35.2084



40.7477, 51.8282, 49.3404



53.2012, 51.8282, 84.8249



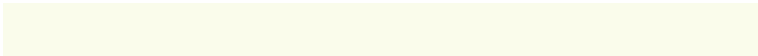
58.8847, 51.8282, 64.1727

Sweetspot

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



45.5219, 51.8305, 35.2095



89.2936, 96.1894, 92.2897



39.2307, 36.6238, 32.6059



19.4886, 21.0361, 19.9555



0.0000, 0.0000, 0.0000



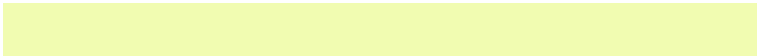
20.3446, 21.4041, 23.3091

Same Dimension

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



45.5219, 51.8305, 35.2095



79.2712, 91.8378, 54.9946



40.2174, 49.0959, 34.9613



10.7643, 11.6815, 10.7493



23.0344, 30.7035, 4.7123



1.0355, 1.3474, 0.2055

Inverse Universe

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



33.6125, 31.6790, 55.9758



53.9895, 49.0504, 99.0919



38.5085, 34.2029, 56.2049



9.6621, 9.8169, 12.6704



6.7658, 2.7483, 33.7305



0.3372, 0.1419, 1.4595

Previews

White Background



This preview shows how the XYZ color 45.5206, 51.8282, 35.2084 looks on a white background.

Color Contrast Check

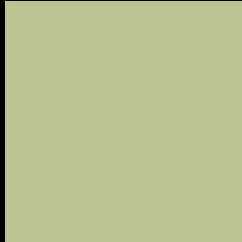
Large Text (above 18pt) WCAG AA × Fail

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 45.5206, 51.8282, 35.2084 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 45.5206, 51.8282, 35.2084

Background



This preview shows how black text looks on a background with the XYZ color 45.5206, 51.8282, 35.2084.



This preview shows how white text looks on a background with the XYZ color 45.5206, 51.8282,

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

45.5206, 51.8282, 35.2084

Protanopia

48.4261, 51.7086, 34.2165

Deuteranopia

52.8699, 51.7570, 36.0577



Tritanopia

51.1496, 51.8328, 63.1860

Trichromacy



Original Color

45.5206, 51.8282, 35.2084

Protanomaly

47.3266, 51.7804, 34.6944

Deuteranomaly

49.7735, 51.4122, 35.7340

Tritanomaly

48.8125, 51.8455, 51.6904

Monochromacy



Original Color

45.5206, 51.8282, 35.2084

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.3534, 50.3703, 46.3091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5206, 51.8282, 35.2084 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(188, 195, 147)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 147)  
}
```

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(188, 195, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 147) }
```

Border

The CSS property to change the border of an element to XYZ 45.5206, 51.8282, 35.2084 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(188, 195, 147) }
```


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

```
.border{ border-color:rgb(188, 195, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 147);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5206, 51.8282, 35.2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 147) }
```

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

```
.background{ background-color: rgb(188,  
195, 147) }
```

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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