

Converting Colors

XYZ(45.4497, 52.7142, 39.3231)

Have a look what the booklet for
XYZ(45.4497, 52.7142, 39.3231)
contains.

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Color

**XYZ(45.4862, 52.7336,
39.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C69C
RGB	182, 198, 156
RGB Percent	71%, 78%, 61%
CMY	0.2863, 0.2235, 0.3882
CMYK	0.08, 0.00, 0.21, 0.22
HSL	83°, 27%, 69%
HSV	83°, 21%, 78%
XYZ	45.4862, 52.7336, 39.2337
YIQ	188.4280, 3.9460, -16.4540

Conversions

Conversions Part 2

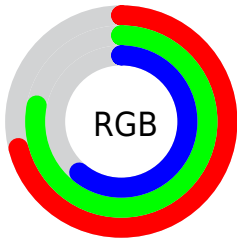
Format	Color
RYB	156, 198, 172
Decimal	11978396
CIELab	77.72, -12.86, 19.26
CIELCh	78, 23.160, 123.724
Yxy	52.7336, 0.3309, 0.3836
Android (android.graphics.Color)	4290168476 (0xFFB6C69C)
YUV	188.4280, -15.9870, -5.6374
Hunter-Lab	72.6179, -15.2730, 18.7996

Details

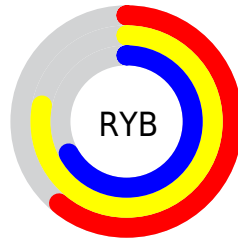
The XYZ color **45.4862, 52.7336, 39.2337** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0970, 36.6263, 58.4380**, and the grayscale version is **48.1312, 50.6378, 55.1445**.

A 20% lighter version of the original color is **82.7778, 94.4003, 75.4862**, and **21.5763, 25.6336, 17.1752** is the 20% darker color. If you saturate the color by 10%, you get **42.2107, 51.2248, 31.0302**, and if you desaturate by 10%, it is **49.1338, 54.4058, 48.8835**.

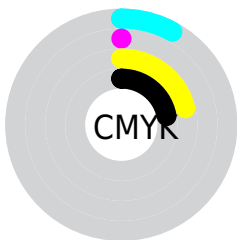
Distribution



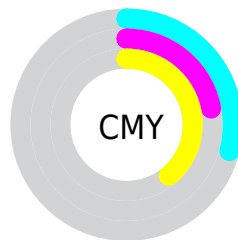
- Red (71%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4862, 52.7336, 39.2337 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 45.4862, 52.7336, 39.2337 by changing the saturation by 10% instead.


 45.4862, 52.7336,
39.2337


 45.4862, 52.7336,
39.2337


359.4898,
397.2622, 358.3386

 32.0435, 37.5901,
26.6324


 82.6821, 94.2122,
75.2195

 21.5504, 25.6647,
17.0673


 107.1660,
121.3162, 99.4410

 13.6417, 16.5730,
10.1200

136.0610,
153.1758, 128.3729

 7.9519, 9.9305,
5.3720

169.7324,
190.1755, 162.4339

 4.1157, 5.3529,
2.4046

208.5457,
232.6996, 202.0424

 1.7678, 2.4558,
0.7889

252.8661,

 0.4982, 0.8544,

281.1324, 247.6170

0.0000

303.0590,
335.8585, 299.5763

■ 0.0000, 0.0000,
0.0000

■ 45.4862, 52.7336,
39.2337

■ 45.4862, 52.7336,
39.2337

■ 42.2107, 51.2248,
31.0302

■ 49.1338, 54.4058,
48.8835

■ 39.2885, 49.8665,
24.1999

■ 53.1633, 56.2403,
60.0412

■ 36.7051, 48.6545,
18.6685

■ 57.5889, 58.2447,
72.7690

■ 34.4433, 47.5816,
14.3530

■ 62.4230, 60.4240,
87.1246

■ 32.4838, 46.6401,
11.1612

■ 67.6768, 62.7830,
103.1591

■ 30.8050, 45.8210,
8.9874

■ 70.0084, 63.9850,
103.2682

■ 29.3814, 45.1140,
7.7061

■ 72.4444, 65.2407,
103.3822

■ 28.3006, 44.5689,
7.1111

■ 74.9860, 66.5510,
103.5012

■ 77.6345, 67.9163,
103.6251

Harmonies

Analogous

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



49.5639, 52.7336, 36.1363



45.4862, 52.7336, 39.2337



42.7822, 52.7336, 47.1667

Triad

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



45.4862, 52.7336, 39.2337



46.4013, 52.7336, 82.5236



59.2260, 52.7336, 55.8293

Complementary

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



45.4862, 52.7336, 39.2337



39.0970, 36.6263, 58.4380

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.



58.2560, 52.7336, 69.0563



45.4862, 52.7336, 39.2337



50.6837, 52.7336, 85.7474

Square

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



45.4862, 52.7336, 39.2337



43.2880, 52.7336, 72.2451



55.0619, 52.7336, 80.4983



57.6393, 52.7336, 44.7724

Rectangle

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



45.4862, 52.7336, 39.2337



42.0315, 52.7336, 54.7609



55.0619, 52.7336, 80.4983



59.1886, 52.7336, 60.1596

Sweetspot

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



45.4876, 52.7359, 39.2348



90.5713, 97.9645, 96.3400



43.9300, 43.6851, 37.5699



19.2849, 20.9224, 20.3412



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.



45.4876, 52.7359, 39.2348



78.0527, 92.2332, 63.1236



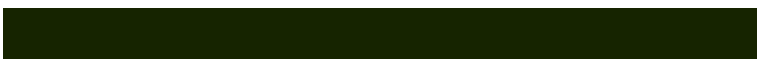
41.0157, 50.4306, 39.0256



11.1173, 12.2074, 11.3331



18.5013, 29.0331, 4.6288



0.9549, 1.4153, 0.2229

Inverse Universe

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



39.0970, 36.6263, 58.4380



64.9188, 59.1198, 102.5974



43.9232, 39.1143, 58.6639



10.4323, 10.4811, 13.3907



8.6270, 3.6816, 35.0003



0.4889, 0.2158, 1.6610

Previews

White Background



This preview shows how the XYZ color 45.4862, 52.7336, 39.2337 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 45.4862, 52.7336, 39.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

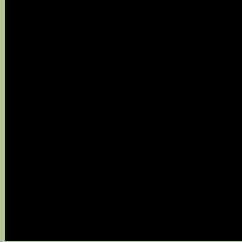
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

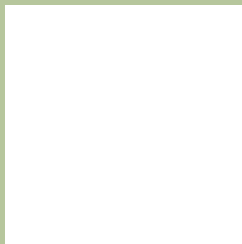
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4862, 52.7336, 39.2337

Background



This preview shows how black text looks on a background with the XYZ color 45.4862, 52.7336, 39.2337.



This preview shows how white text looks on a background with the XYZ color 45.4862, 52.7336, 39.2337.

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

45.4862, 52.7336, 39.2337

Protanopia

49.2824, 52.3989, 37.6535

Deuteranopia

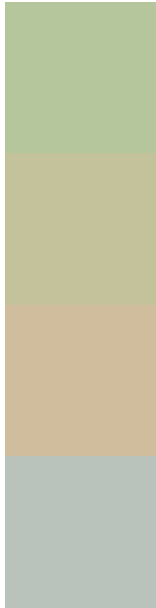
53.5227, 52.3138, 40.0775



Tritanopia

50.7576, 52.5367, 65.8579

Trichromacy



Original Color

45.4862, 52.7336, 39.2337

Protanomaly

47.8895, 52.6524, 38.2107

Deuteranomaly

50.1013, 52.1292, 39.7691

Tritanomaly

48.6186, 52.6535, 55.1776

Monochromacy



Original Color

45.4862, 52.7336, 39.2337

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.9358, 51.2730, 48.4972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4862, 52.7336, 39.2337 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(182, 198, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 156)  
}
```

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(182, 198, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 156) }
```

Border

The CSS property to change the border of an element to XYZ 45.4862, 52.7336, 39.2337 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(182, 198, 156) }
```


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

```
.border{ border-color:rgb(182, 198, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4862, 52.7336, 39.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 156) }
```

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

```
.background{ background-color: rgb(182,  
198, 156) }
```

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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