

Converting Colors

XYZ(45.2261, 47.1180, 38.9549)

Have a look what the booklet for
XYZ(45.2261, 47.1180, 38.9549)
contains.

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Color

**XYZ(45.2011, 47.1185,
39.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B59E
RGB	195, 181, 158
RGB Percent	76%, 71%, 62%
CMY	0.2353, 0.2902, 0.3804
CMYK	0.00, 0.07, 0.19, 0.24
HSL	37°, 24%, 69%
HSV	37°, 19%, 76%
XYZ	45.2011, 47.1185, 39.0602
YIQ	182.5640, 15.7270, -4.1850

Conversions

Conversions Part 2

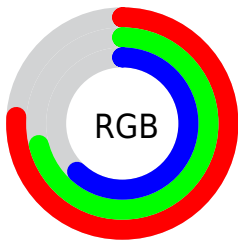
Format	Color
RYB	181, 195, 158
Decimal	12826014
CIELab	74.27, 1.20, 13.52
CIElCh	74, 13.575, 84.920
Yxy	47.1185, 0.3440, 0.3586
Android (android.graphics.Color)	4291016094 (0xFFC3B59E)
YUV	182.5640, -12.1101, 10.9064
Hunter-Lab	68.6429, -2.5835, 14.3120

Details

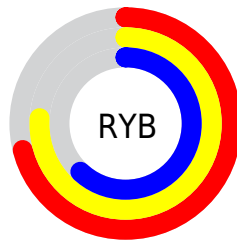
The XYZ color **45.2011, 47.1185, 39.0602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.7032, 40.7133, 57.4486**, and the grayscale version is **44.8302, 47.1649, 51.3626**.

A 20% lighter version of the original color is **82.4393, 86.0679, 75.2185**, and **21.3575, 22.1626, 17.0621** is the 20% darker color. If you saturate the color by 10%, you get **42.1941, 43.5806, 30.4236**, and if you desaturate by 10%, it is **48.5565, 50.9260, 49.1281**.

Distribution



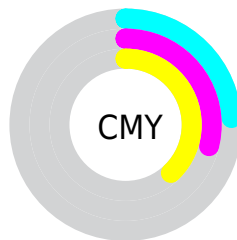
- Red (76%)
- Green (71%)
- Blue (62%)



- Red (71%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2011, 47.1185, 39.0602 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 45.2011, 47.1185, 39.0602 by changing the saturation by 10% instead.


 45.2011, 47.1185,
39.0602

 45.2011, 47.1185,
39.0602


358.3574,
375.2873, 357.5800

 31.8178, 33.1293,
26.4984


 82.2573, 85.8905,
74.9516

 21.3772, 22.2255,
16.9677


 106.6609,
111.4421, 99.1183

 13.5141, 14.0227,
10.0498


135.4687,
141.6166, 127.9904

 7.8629, 8.1365,
5.3259

169.0460,
176.7985, 161.9863

 4.0584, 4.1824,
2.3777

207.7582,
217.3722, 201.5247

 1.7352, 1.7761,
0.7743

251.9706,

 0.4782, 0.4722,

263.7219, 247.0241

0.0000

302.0485,
316.2322, 298.9030

■ 0.0000, 0.0000,
0.0000

■ 45.2011, 47.1185,
39.0602

■ 45.2011, 47.1185,
39.0602

■ 42.1941, 43.5806,
30.4236

■ 48.5565, 50.9260,
49.1281

■ 39.5178, 40.2985,
23.1488

■ 52.2693, 55.0039,
60.6862

■ 37.1589, 37.2664,
17.1651

■ 56.3529, 59.3610,
73.7940

■ 35.1011, 34.4759,
12.3942

■ 60.8190, 64.0037,
88.5066

■ 33.3268, 31.9178,
8.7490

■ 65.5976, 68.9059,
104.4505

■ 31.8159, 29.5819,
6.1309

■ 67.5519, 72.8145,
105.1020

■ 30.5451, 27.4568,
4.4239

■ 69.5924, 76.8955,
105.7821

■ 29.4757, 25.5245,
3.4306

■ 71.7202, 81.1509,
106.4914

■ 29.3722, 25.3349,
3.3420

■ 73.9362, 85.5830,
107.2301

Harmonies

Analogous

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



47.5331, 47.1185, 41.0835



45.2011, 47.1185, 39.0602



42.8385, 47.1185, 40.0669

Triad

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



45.2011, 47.1185, 39.0602



40.6667, 47.1185, 57.1709



48.7313, 47.1185, 59.4128

Complementary

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



45.2011, 47.1185, 39.0602



38.7032, 40.7133, 57.4486

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.



46.7890, 47.1185, 64.4673



45.2011, 47.1185, 39.0602



42.1443, 47.1185, 63.0929

Square

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



45.2011, 47.1185, 39.0602



40.2760, 47.1185, 50.1244



44.3709, 47.1185, 65.8714



49.6180, 47.1185, 52.5020

Rectangle

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



45.2011, 47.1185, 39.0602



41.5557, 47.1185, 42.3731



44.3709, 47.1185, 65.8714



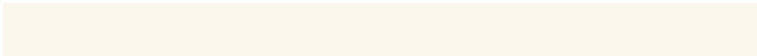
48.1769, 47.1185, 61.4092

Sweetspot

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



45.2024, 47.1206, 39.0612



88.8138, 93.2624, 93.6735



42.1970, 39.0420, 44.4345



19.3546, 20.3186, 20.2210



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.



45.2024, 47.1206, 39.0612



78.5215, 81.5568, 62.8703



47.0933, 52.5345, 40.0065



10.5830, 11.0974, 10.6461



19.1733, 16.6324, 2.1998



0.8931, 0.8479, 0.1166

Inverse Universe

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



38.7032, 40.7133, 57.4486



64.6352, 67.8686, 102.1631



37.0425, 36.1091, 56.6474



9.8336, 10.3584, 12.7659



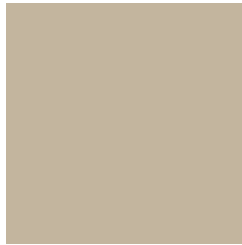
8.0586, 5.8737, 34.2656



0.4147, 0.3869, 1.5027

Previews

White Background



This preview shows how the XYZ color 45.2011, 47.1185, 39.0602 looks on a white background.

Color Contrast Check

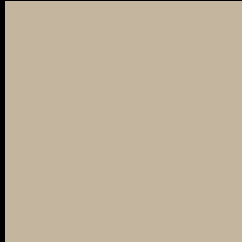
Large Text (above 18pt) WCAG AA × Fail

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 45.2011, 47.1185, 39.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

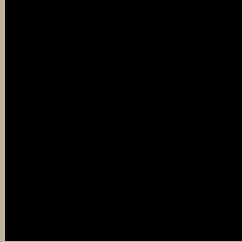
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2011, 47.1185, 39.0602

Background



This preview shows how black text looks on a background with the XYZ color 45.2011, 47.1185, 39.0602.



This preview shows how white text looks on a background with the XYZ color 45.2011, 47.1185,

39.0602.

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

45.2011, 47.1185, 39.0602

Protanopia

44.4718, 47.0355, 39.5357

Deuteranopia

48.0778, 47.1092, 39.3599



Tritanopia

48.3728, 46.9105, 55.2203

Trichromacy



Original Color

45.2011, 47.1185, 39.0602

Protanomaly

44.7242, 47.1656, 39.5475

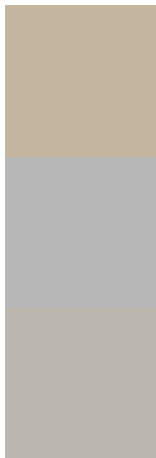
Deuteranomaly

47.0802, 47.1814, 39.4264

Tritanomaly

47.2450, 47.0609, 48.7131

Monochromacy



Original Color

45.2011, 47.1185, 39.0602

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8614, 47.0767, 46.7667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2011, 47.1185, 39.0602 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(195, 181, 158)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 158)  
}
```

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(195, 181, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 158) }
```

Border

The CSS property to change the border of an element to XYZ 45.2011, 47.1185, 39.0602 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(195, 181, 158) }
```


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

```
.border{ border-color:rgb(195, 181, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 181, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 181, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 181, 158);  
box-shadow:4px 4px 4px 4px rgb(195, 181,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2011, 47.1185, 39.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 158) }
```

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

```
.background{ background-color: rgb(195,  
181, 158) }
```

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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