

Converting Colors

XYZ(47.1356, 49.7686, 41.7585)

Have a look what the booklet for
XYZ(47.1356, 49.7686, 41.7585)
contains.

XYZ(47.1461, 49.9208, 41.8011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.1461, 49.9208,
41.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BBA3
RGB	196, 187, 163
RGB Percent	77%, 73%, 64%
CMY	0.2314, 0.2666, 0.3608
CMYK	0.00, 0.05, 0.17, 0.23
HSL	44°, 22%, 70%
HSV	44°, 17%, 77%
XYZ	47.1461, 49.9208, 41.8011
YIQ	186.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

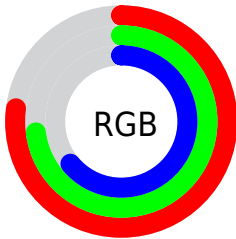
Format	Color
RYB	175, 196, 163
Decimal	12893091
CIELab	76.02, -0.84, 13.30
CIELCh	76, 13.325, 93.630
Yxy	49.9208, 0.3395, 0.3595
Android (android.graphics.Color)	4291083171 (0xFFC4BBA3)
YUV	186.9550, -11.8098, 7.9325
Hunter-Lab	70.6547, -4.5370, 14.3808

Details

The XYZ color **47.1461, 49.9208, 41.8011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.8203, 41.2760, 58.0931**, and the grayscale version is **47.2692, 49.7308, 54.1569**.

A 20% lighter version of the original color is **85.2135, 90.0458, 79.2190**, and **22.5497, 23.9487, 18.4730** is the 20% darker color. If you saturate the color by 10%, you get **44.4123, 47.0489, 32.8869**, and if you desaturate by 10%, it is **50.1970, 52.9904, 52.1651**.

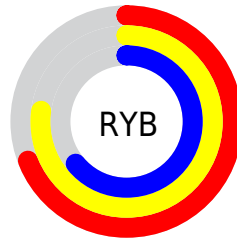
Distribution



Red (77%)

Green (73%)

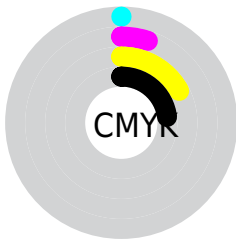
Blue (64%)



Red (69%)

Yellow (77%)

Blue (64%)

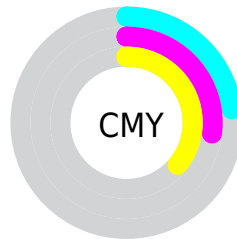


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1461, 49.9208, 41.8011 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 47.1461, 49.9208, 41.8011 by changing the saturation by 10% instead.


 47.1461, 49.9208,
41.8011

 47.1461, 49.9208,
41.8011


366.0366,
386.3561, 369.4331

 33.3596, 35.3505,
28.6212

 85.1491, 90.0575,
79.1653

 22.5626, 23.9330,
18.5513


 110.0963,
116.3927, 104.1867

 14.3898, 15.2839,
11.1730


139.4944,
147.4183, 133.9924

 8.4758, 9.0189,
6.0677

173.7088,
183.5187, 169.0008

 4.4552, 4.7535,
2.8168

213.1049,
225.0783, 209.6305

 1.9628, 2.1034,
1.0019

258.0480,

 0.6129, 0.6665,

272.4814, 256.3001

0.0000

308.9034,
326.1126, 309.4281

■ 0.0000, 0.0000,
0.0000

■ 47.1461, 49.9208,
41.8011

■ 47.1461, 49.9208,
41.8011

■ 44.4123, 47.0489,
32.8869

■ 50.1970, 52.9904,
52.1651

■ 41.9786, 44.3621,
25.3532

■ 53.5731, 56.2566,
64.0373

■ 39.8325, 41.8564,
19.1301

■ 57.2871, 59.7268,
77.4769

■ 37.9587, 39.5249,
14.1399

■ 61.3500, 63.4062,
92.5390

■ 36.3405, 37.3601,
10.2971

■ 64.7906, 66.9069,
104.1072

■ 34.9592, 35.3538,
7.5047

■ 66.1627, 69.6512,
104.5646

■ 33.7928, 33.4965,
5.6501

■ 67.5796, 72.4850,
105.0369

■ 32.8121, 31.7755,
4.5820

■ 69.0417, 75.4091,
105.5243

■ 32.5234, 31.2525,
4.3182

■ 70.5493, 78.4243,
106.0268

Harmonies

Analogous

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



49.6041, 49.9208, 42.9852



47.1461, 49.9208, 41.8011



44.8488, 49.9208, 43.7310

Triad

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



47.1461, 49.9208, 41.8011



43.5769, 49.9208, 62.2983



51.8629, 49.9208, 60.6679

Complementary

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



47.1461, 49.9208, 41.8011



39.8203, 41.2760, 58.0931

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.



50.1462, 49.9208, 66.5743



47.1461, 49.9208, 41.8011



45.3558, 49.9208, 67.5719

Square

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



47.1461, 49.9208, 41.8011



42.8341, 49.9208, 55.2270



47.7516, 49.9208, 69.2006



52.3824, 49.9208, 53.4928

Rectangle

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



47.1461, 49.9208, 41.8011



43.7010, 49.9208, 46.6318



47.7516, 49.9208, 69.2006



51.4038, 49.9208, 62.8877

Sweetspot

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



47.1474, 49.9230, 41.8022



91.9658, 97.0083, 98.0788



43.3427, 40.9228, 44.8212



19.5943, 20.6754, 20.6796



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.



47.1474, 49.9230, 41.8022



83.6233, 88.5881, 69.8185



47.3002, 52.9241, 42.3734



10.6737, 11.2789, 10.6764



20.9723, 20.2303, 2.7995



0.9610, 0.9838, 0.1392

Inverse Universe

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



39.8203, 41.2760, 58.0931



67.9979, 70.1495, 104.5641



39.6716, 38.7433, 57.6121



9.7468, 10.1849, 12.7370



7.2951, 4.3468, 34.0111



0.3747, 0.3068, 1.4894

Previews

White Background



This preview shows how the XYZ color 47.1461, 49.9208, 41.8011 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 47.1461, 49.9208, 41.8011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

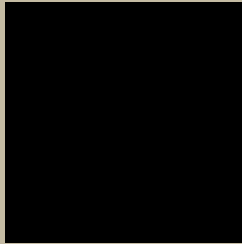
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

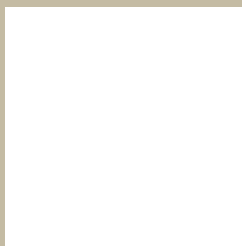
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1461, 49.9208, 41.8011

Background



This preview shows how black text looks on a background with the XYZ color 47.1461, 49.9208, 41.8011.



This preview shows how white text looks on a background with the XYZ color 47.1461, 49.9208,

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

47.1461, 49.9208, 41.8011

Protanopia

47.1461, 49.9208, 41.8011

Deuteranopia

50.9563, 50.0242, 42.0919



Tritanopia

50.6254, 49.7665, 59.7610

Trichromacy



Original Color

47.1461, 49.9208, 41.8011

Protanomaly

47.1461, 49.9208, 41.8011

Deuteranomaly

49.3665, 49.8127, 42.1349

Tritanomaly

49.4506, 49.9259, 52.9293

Monochromacy



Original Color

47.1461, 49.9208, 41.8011

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.0414, 49.7021, 49.2336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1461, 49.9208, 41.8011 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(196, 187, 163)` looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 163)  
}
```

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(196, 187, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 163) }
```

Border

The CSS property to change the border of an element to XYZ 47.1461, 49.9208, 41.8011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

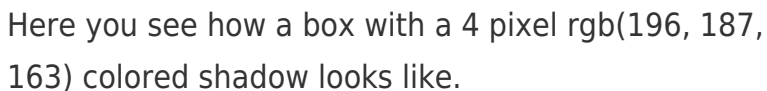
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 187, 163) }
```


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

```
.border{ border-color:rgb(196, 187, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 187, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 187, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 187, 163); box-shadow:4px 4px 4px 4px rgb(196, 187, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1461, 49.9208, 41.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 163) }
```

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

```
.background{ background-color: rgb(196,  
187, 163) }
```

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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