

Converting Colors

XYZ(46.2473, 49.6217, 34.3346)

Have a look what the booklet for
XYZ(46.2473, 49.6217, 34.3346)
contains.

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Color

**XYZ(46.2473, 49.6217,
34.3346)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BB92
RGB	198, 187, 146
RGB Percent	78%, 73%, 57%
CMY	0.2235, 0.2666, 0.4274
CMYK	0.00, 0.06, 0.26, 0.22
HSL	47°, 31%, 67%
HSV	47°, 26%, 78%
XYZ	46.2473, 49.6217, 34.3346
YIQ	185.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

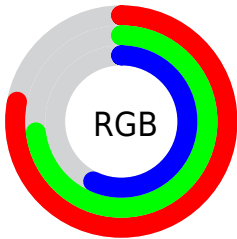
Format	Color
RYB	160, 198, 146
Decimal	13024146
CIELab	75.84, -2.58, 22.21
CIELCh	76, 22.358, 96.630
Yxy	49.6217, 0.3552, 0.3811
Android (android.graphics.Color)	4291214226 (0xFFC6BB92)
YUV	185.6150, -19.5302, 10.8616
Hunter-Lab	70.4427, -6.0852, 20.4112

Details

The XYZ color **46.2473, 49.6217, 34.3346** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1039, 34.3013, 58.2496**, and the grayscale version is **46.5558, 48.9803, 53.3396**.

A 20% lighter version of the original color is **83.7159, 89.5313, 67.5126**, and **22.0923, 23.8057, 14.2570** is the 20% darker color. If you saturate the color by 10%, you get **43.9637, 47.3094, 26.6215**, and if you desaturate by 10%, it is **48.8262, 52.0970, 43.4634**.

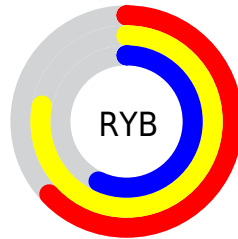
Distribution



Red (78%)

Green (73%)

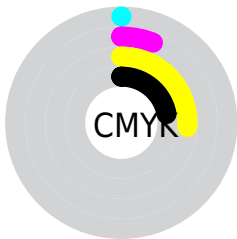
Blue (57%)



Red (63%)

Yellow (78%)

Blue (57%)

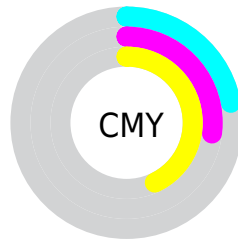


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2473, 49.6217, 34.3346 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 46.2473, 49.6217, 34.3346 by changing the saturation by 10% instead.


 46.2473, 49.6217,
34.3346


 46.2473, 49.6217,
34.3346


362.5013,
385.1847, 336.4360

 32.6465, 35.1129,
22.8713


 83.8146, 89.6141,
67.5935

 22.0137, 23.7499,
14.2941


 108.5117,
115.8665, 90.2262

 13.9836, 15.1482,
8.1844


137.6384,
146.8023, 117.4191

 8.1909, 8.9234,
4.1237


171.5599,
182.8057, 149.5908

 4.2702, 4.6913,
1.6935

210.6415,
224.2613, 187.1598

 1.8561, 2.0673,
0.3562

255.2488,

 0.5511, 0.6461,

271.5534, 230.5447

0.0000

305.7469,
325.0664, 280.1639

■ 0.0000, 0.0000,
0.0000

■ 46.2473, 49.6217,
34.3346

■ 46.2473, 49.6217,
34.3346

■ 43.9637, 47.3094,
26.6215

■ 48.8262, 52.0970,
43.4634

■ 41.9576, 45.1474,
20.2484

■ 51.7094, 54.7341,
54.0721

■ 40.2149, 43.1316,
15.1374

■ 54.9105, 57.5405,
66.2245

■ 38.7191, 41.2549,
11.2013

■ 58.4409, 60.5210,
79.9801

■ 37.4510, 39.5094,
8.3417

■ 62.3114, 63.6804,
95.3950

■ 36.3889, 37.8858,
6.4440

■ 64.9137, 66.3756,
103.9982

■ 35.5047, 36.3727,
5.3619

■ 65.9747, 68.4977,
104.3519

■ 35.1995, 35.8272,
5.0601

■ 67.0632, 70.6746,
104.7147

■ 68.1791, 72.9066,
105.0867

Harmonies

Analogous

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



50.4056, 49.6217, 35.6252



46.2473, 49.6217, 34.3346



42.5546, 49.6217, 37.6647

Triad

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



46.2473, 49.6217, 34.3346



41.0368, 49.6217, 68.8681



54.8870, 49.6217, 63.6266

Complementary

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



46.2473, 49.6217, 34.3346



34.1039, 34.3013, 58.2496

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.



52.0946, 49.6217, 74.5572



46.2473, 49.6217, 34.3346



44.0643, 49.6217, 77.8806

Square

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



46.2473, 49.6217, 34.3346



39.6627, 49.6217, 56.7153



48.0926, 49.6217, 80.1022



55.5559, 49.6217, 51.4301

Rectangle

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



46.2473, 49.6217, 34.3346



40.7997, 49.6217, 42.3927



48.0926, 49.6217, 80.1022



54.1579, 49.6217, 67.6221

Sweetspot

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



46.2486, 49.6239, 34.3356



90.5769, 96.0336, 92.0570



39.6766, 35.0076, 36.6844



19.2160, 20.4002, 19.0692



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.



46.2486, 49.6239, 34.3356



79.3221, 85.2936, 52.0210



44.9747, 52.5637, 34.9702



11.3262, 12.0215, 11.2862



22.9548, 23.4269, 3.3120



1.1360, 1.2074, 0.1732

Inverse Universe

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



34.1039, 34.3013, 58.2496



53.9277, 53.2610, 102.0458



35.1167, 32.1850, 57.7877



10.2354, 10.6449, 13.4327



7.2155, 3.8249, 35.1023



0.3958, 0.2894, 1.6801

Previews

White Background



This preview shows how the XYZ color 46.2473, 49.6217, 34.3346 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 46.2473, 49.6217, 34.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

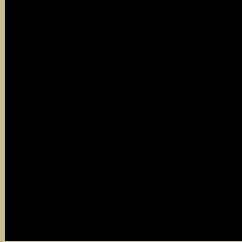
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2473, 49.6217, 34.3346

Background



This preview shows how black text looks on a background with the XYZ color 46.2473, 49.6217, 34.3346.



This preview shows how white text looks on a background with the XYZ color 46.2473, 49.6217,

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

46.2473, 49.6217, 34.3346

Protanopia

46.5118, 49.7581, 34.3470

Deuteranopia

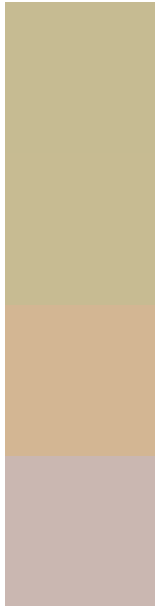
50.3788, 49.2837, 34.8744



Tritanopia

51.0734, 49.4200, 58.4769

Trichromacy



Original Color

46.2473, 49.6217, 34.3346

Protanomaly

46.5118, 49.7581, 34.3470

Deuteranomaly

48.8584, 49.4114, 34.5660

Tritanomaly

49.2264, 49.5979, 48.5738

Monochromacy



Original Color

46.2473, 49.6217, 34.3346

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.1448, 49.0052, 45.5549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2473, 49.6217, 34.3346 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(198, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 146)  
}
```

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(198, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 146) }
```

Border

The CSS property to change the border of an element to XYZ 46.2473, 49.6217, 34.3346 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(198, 187, 146) }
```


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

```
.border{ border-color:rgb(198, 187, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 187, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2473, 49.6217, 34.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 146) }
```

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

```
.background{ background-color: rgb(198,  
187, 146) }
```

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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