

Converting Colors

XYZ(47.4245, 51.4694, 36.2892)

Have a look what the booklet for
XYZ(47.4245, 51.4694, 36.2892)
contains.

XYZ(47.4245, 51.4694, 36.2892)	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(47.4245, 51.4694,
36.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BF96
RGB	198, 191, 150
RGB Percent	78%, 75%, 59%
CMY	0.2235, 0.2510, 0.4118
CMYK	0.00, 0.04, 0.24, 0.22
HSL	51°, 30%, 68%
HSV	51°, 24%, 78%
XYZ	47.4245, 51.4694, 36.2892
YIQ	188.4190, 17.3330, -11.2670

Conversions

Conversions Part 2

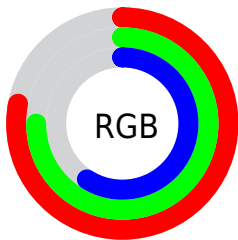
Format	Color
RYB	158, 198, 150
Decimal	13025174
CIELab	76.96, -4.13, 21.61
CIELCh	77, 22.005, 100.807
Yxy	51.4694, 0.3508, 0.3807
Android (android.graphics.Color)	4291215254 (0xFFC6BF96)
YUV	188.4190, -18.9406, 8.4025
Hunter-Lab	71.7422, -7.5530, 20.2290

Details

The XYZ color **47.4245, 51.4694, 36.2892** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8275, 34.6742, 58.2834**, and the grayscale version is **48.1369, 50.6438, 55.1511**.

A 20% lighter version of the original color is **85.3998, 92.1412, 70.4107**, and **22.8422, 25.0071, 15.4273** is the 20% darker color. If you saturate the color by 10%, you get **45.3404, 49.6405, 28.3820**, and if you desaturate by 10%, it is **49.7932, 53.4355, 45.6216**.

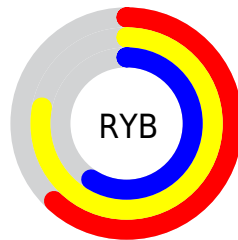
Distribution



Red (78%)

Green (75%)

Blue (59%)



Red (62%)

Yellow (78%)

Blue (59%)

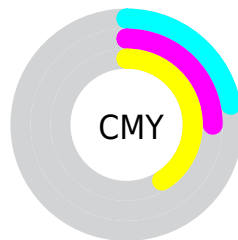


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4245, 51.4694, 36.2892 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 47.4245, 51.4694, 36.2892 by changing the saturation by 10% instead.

■ 47.4245, 51.4694,
36.2892

■ 47.4245, 51.4694,
36.2892

367.1271,
392.3848, 345.2984

■ 33.5807, 36.5823,
24.3662

■ 85.5618, 92.3482,
70.6523

■ 22.7330, 24.8843,
15.3908

■ 110.5861,
119.1088, 93.9294

■ 14.5161, 15.9908,
8.9444

140.0678,
150.5960, 121.8283

■ 8.5646, 9.5177,
4.6086

174.3725,
187.1941, 154.7675

■ 4.5131, 5.0804,
1.9648

213.8654,
229.2877, 193.1656

■ 1.9963, 2.2945,
0.5335

258.9119,

■ 0.6319, 0.7708,

277.2611, 237.4411

0.0000

309.8773,
331.4986, 288.0125

■ 0.0000, 0.0000,
0.0000

■ 47.4245, 51.4694,
36.2892

■ 47.4245, 51.4694,
36.2892

■ 45.3404, 49.6405,
28.3820

■ 49.7932, 53.4355,
45.6216

■ 43.5231, 47.9363,
21.8255

■ 52.4550, 55.5371,
56.4423

■ 41.9594, 46.3531,
16.5432

■ 55.4232, 57.7812,
68.8145

■ 40.6328, 44.8843,
12.4499

■ 58.7090, 60.1726,
82.7967

■ 39.5251, 43.5224,
9.4496

■ 62.3229, 62.7155,
98.4445

■ 38.6153, 42.2590,
7.4318

■ 63.9723, 64.4930,
103.6844

■ 37.8779, 41.0836,
6.2625

■ 64.6837, 65.9157,
103.9216

■ 37.5037, 40.4356,
5.8282

■ 65.4080, 67.3643,
104.1630

■ 66.1452, 68.8386,
104.4087

Harmonies

Analogous

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



51.6178, 51.4694, 36.9470



47.4245, 51.4694, 36.2892



43.8400, 51.4694, 40.3232

Triad

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



47.4245, 51.4694, 36.2892



43.0699, 51.4694, 72.5193



56.9331, 51.4694, 63.9772

Complementary

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



47.4245, 51.4694, 36.2892



34.8275, 34.6742, 58.2834

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.



54.3783, 51.4694, 75.3907



47.4245, 51.4694, 36.2892



46.3181, 51.4694, 80.7885

Square

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



47.4245, 51.4694, 36.2892



41.4230, 51.4694, 60.4815



50.4469, 51.4694, 81.9085



57.2713, 51.4694, 51.8241

Rectangle

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



47.4245, 51.4694, 36.2892



42.2163, 51.4694, 45.5203



50.4469, 51.4694, 81.9085



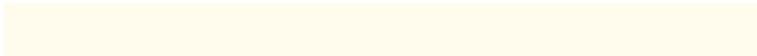
56.2985, 51.4694, 68.0703

Sweetspot

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



47.4258, 51.4717, 36.2903



91.4837, 97.2547, 94.1860



40.2984, 36.2602, 36.8635



19.5182, 20.7671, 19.9020



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.



47.4258, 51.4717, 36.2903



82.0034, 89.4339, 56.6834



44.8024, 52.4384, 36.6151



11.3871, 12.1433, 11.3065



24.4382, 26.3936, 3.8064



1.1941, 1.3236, 0.1925

Inverse Universe

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



34.8275, 34.6742, 58.2834



55.9295, 54.6732, 102.2129



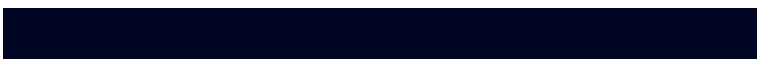
36.9940, 34.0843, 58.0553



10.1793, 10.5328, 13.4140



6.9510, 3.2959, 35.0142



0.3703, 0.2385, 1.6717

Previews

White Background



This preview shows how the XYZ color 47.4245, 51.4694, 36.2892 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 47.4245, 51.4694, 36.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

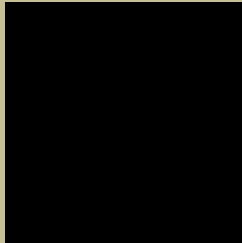
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4245, 51.4694, 36.2892

Background



This preview shows how black text looks on a background with the XYZ color 47.4245, 51.4694, 36.2892.



This preview shows how white text looks on a background with the XYZ color 47.4245, 51.4694,

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

47.4245, 51.4694, 36.2892

Protanopia

48.1954, 51.5534, 35.8444

Deuteranopia

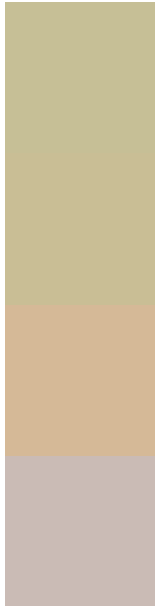
52.2142, 51.0950, 36.8161



Tritanopia

52.3511, 51.2419, 61.1643

Trichromacy



Original Color

47.4245, 51.4694, 36.2892

Protanomaly

47.9257, 51.4143, 35.8318

Deuteranomaly

50.3754, 51.0784, 36.4822

Tritanomaly

50.4679, 51.4334, 50.9838

Monochromacy



Original Color

47.4245, 51.4694, 36.2892

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.5758, 50.6577, 47.3148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4245, 51.4694, 36.2892 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, 191, 150)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 150)  
}
```

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, 191, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.4245, 51.4694, 36.2892 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, 191, 150) }
```


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

```
.border{ border-color:rgb(198, 191, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 150);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4245, 51.4694, 36.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 150) }
```

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

```
.background{ background-color: rgb(198,  
191, 150) }
```

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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