

Converting Colors

XYZ(48.0693, 52.9741, 35.9949)

Have a look what the booklet for
XYZ(48.0693, 52.9741, 35.9949)
contains.

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Color

**XYZ(48.2286, 53.2059,
36.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C395
RGB	198, 195, 149
RGB Percent	78%, 76%, 58%
CMY	0.2235, 0.2353, 0.4157
CMYK	0.00, 0.02, 0.25, 0.22
HSL	56°, 30%, 68%
HSV	56°, 25%, 78%
XYZ	48.2286, 53.2059, 36.1616
YIQ	190.6530, 16.5540, -13.6700

Conversions

Conversions Part 2

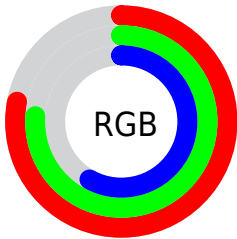
Format	Color
R_{YB}	152, 198, 149
Decimal	13026197
CIE Lab	78.00, -6.35, 23.56
CIE LCh	78, 24.401, 105.093
Yxy	53.2059, 0.3505, 0.3867
Android (android.graphics.Color)	4291216277 (0xFFC6C395)
YUV	190.6530, -20.5349, 6.4433
Hunter-Lab	72.9424, -9.6272, 21.6663

Details

The XYZ color **48.2286, 53.2059, 36.1616** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8155, 32.9224, 57.9986**, and the grayscale version is **49.4298, 52.0040, 56.6324**.

A 20% lighter version of the original color is **86.5167, 94.5662, 70.1931**, and **23.2311, 25.8609, 15.3225** is the 20% darker color. If you saturate the color by 10%, you get **46.5108, 52.0884, 28.4419**, and if you desaturate by 10%, it is **50.2202, 54.4400, 45.2997**.

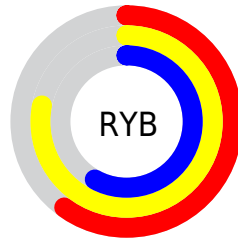
Distribution



Red (78%)

Green (76%)

Blue (58%)



Red (60%)

Yellow (78%)

Blue (58%)

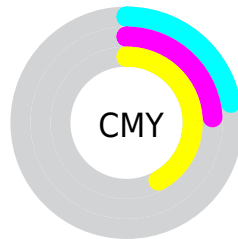


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2286, 53.2059, 36.1616 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 48.2286, 53.2059, 36.1616 by changing the saturation by 10% instead.

■ 48.2286, 53.2059,
36.1616

■ 48.2286, 53.2059,
36.1616

370.2651,
399.0746, 344.7251

■ 34.2200, 37.9672,
24.2683

■ 86.7523, 94.9073,
70.4533

■ 23.2263, 25.9572,
15.3188

■ 111.9981,
122.1387, 93.6888

■ 14.8823, 16.7916,
8.8943

141.7203,
154.1365, 121.5421

■ 8.8226, 10.0860,
4.5764

176.2843,
191.2850, 154.4318

■ 4.6818, 5.4560,
1.9466

216.0554,
233.9687, 192.7764

■ 2.0946, 2.5172,
0.5221

261.3990,

■ 0.6863, 0.8853,

282.5719, 236.9944

0.0000

312.6804,
337.4791, 287.5045

■ 0.0000, 0.0000,
0.0000

■ 48.2286, 53.2059,
36.1616

■ 48.2286, 53.2059,
36.1616

■ 46.5108, 52.0884,
28.4419

■ 50.2202, 54.4400,
45.2997

■ 45.0490, 51.0751,
22.0658

■ 52.4940, 55.7888,
55.9194

■ 43.8298, 50.1622,
16.9564

■ 55.0632, 57.2592,
68.0840

■ 42.8370, 49.3434,
13.0281

■ 57.9391, 58.8559,
81.8524

■ 42.0521, 48.6113,
10.1843

■ 61.1322, 60.5830,
97.2801

■ 41.4541, 47.9574,
8.3137

■ 62.5220, 61.5923,
103.2010

■ 41.0171, 47.3713,
7.2805

■ 62.8076, 62.1635,
103.2962

■ 40.8260, 47.0802,
6.9356

■ 63.0955, 62.7392,
103.3921

■ 63.3855, 63.3193,
103.4888

Harmonies

Analogous

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



52.9578, 53.2059, 36.1456



48.2286, 53.2059, 36.1616



44.3713, 53.2059, 41.3525

Triad

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



48.2286, 53.2059, 36.1616



44.3905, 53.2059, 78.5124



59.9241, 53.2059, 64.9283

Complementary

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



48.2286, 53.2059, 36.1616



33.8155, 32.9224, 57.9986

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.



57.3220, 53.2059, 78.4392



48.2286, 53.2059, 36.1616



48.2562, 53.2059, 87.0774

Square

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



48.2286, 53.2059, 36.1616



42.2517, 53.2059, 65.0164



52.9872, 53.2059, 87.0487



59.9156, 53.2059, 51.3822

Rectangle

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



48.2286, 53.2059, 36.1616



42.7277, 53.2059, 47.5954



52.9872, 53.2059, 87.0487



59.3189, 53.2059, 69.6666

Sweetspot

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



48.2300, 53.2083, 36.1627



91.9609, 98.2090, 94.3451



39.7260, 35.7770, 34.6330



19.6290, 20.9888, 19.9389



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.



48.2300, 53.2083, 36.1627



83.6125, 93.0671, 55.9401



43.6977, 51.8781, 36.1449



11.4662, 12.3016, 11.3329



26.5732, 30.6635, 4.5181



1.2755, 1.4864, 0.2197

Inverse Universe

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



33.8155, 32.9224, 57.9986



53.4949, 50.6840, 101.5712



37.5691, 34.1449, 58.0368



10.1079, 10.3898, 13.3902



6.7371, 2.8681, 34.9429



0.3376, 0.1729, 1.6607

Previews

White Background



This preview shows how the XYZ color 48.2286, 53.2059, 36.1616 looks on a white background.

Color Contrast Check

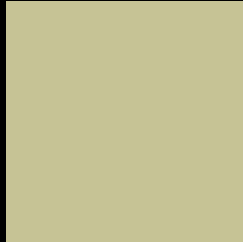
Large Text (above 18pt) WCAG AA × Fail

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 48.2286, 53.2059, 36.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

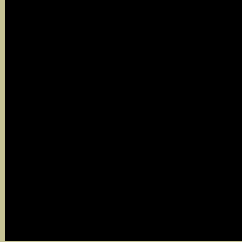
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2286, 53.2059, 36.1616

Background



This preview shows how black text looks on a background with the XYZ color 48.2286, 53.2059, 36.1616.



This preview shows how white text looks on a background with the XYZ color 48.2286, 53.2059,

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

48.2286, 53.2059, 36.1616

Protanopia

49.6485, 52.9592, 35.6224

Deuteranopia

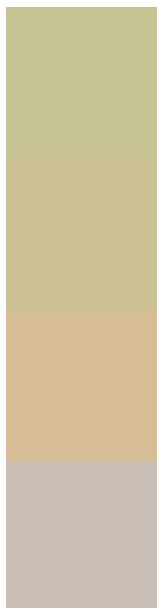
53.9862, 52.9398, 36.6512



Tritanopia

53.9395, 53.2574, 63.9367

Trichromacy



Original Color

48.2286, 53.2059, 36.1616

Protanomaly

49.0439, 52.9746, 35.6572

Deuteranomaly

51.7269, 53.0443, 36.3664

Tritanomaly

51.5352, 53.2371, 52.3593

Monochromacy



Original Color

48.2286, 53.2059, 36.1616

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.9342, 52.3032, 48.5907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2286, 53.2059, 36.1616 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, 195, 149)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 149)  
}
```

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, 195, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 149) }
```

Border

The CSS property to change the border of an element to XYZ 48.2286, 53.2059, 36.1616 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, 195, 149) }
```


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

```
.border{ border-color:rgb(198, 195, 149) }
```

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

Here you see how a box with a 4 pixel rgb(198, 195, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 149);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2286, 53.2059, 36.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 149) }
```

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

```
.background{ background-color: rgb(198,  
195, 149) }
```

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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