

Converting Colors

XYZ(48.9392, 55.7669, 36.6549)

Have a look what the booklet for
XYZ(48.9392, 55.7669, 36.6549)
contains.

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Color

**XYZ(48.8171, 55.5453,
36.5822)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C995
RGB	195, 201, 149
RGB Percent	76%, 79%, 58%
CMY	0.2353, 0.2117, 0.4157
CMYK	0.03, 0.00, 0.26, 0.21
HSL	67°, 33%, 69%
HSV	67°, 26%, 79%
XYZ	48.8171, 55.5453, 36.5822
YIQ	193.2780, 13.1160, -17.4440

Conversions

Conversions Part 2

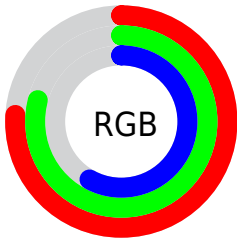
Format	Color
RYB	149, 201, 155
Decimal	12831125
CIELab	79.35, -10.59, 25.37
CIELCh	79, 27.488, 112.662
Yxy	55.5453, 0.3464, 0.3941
Android (android.graphics.Color)	4291021205 (0xFFC3C995)
YUV	193.2780, -21.8291, 1.5102
Hunter-Lab	74.5287, -13.5059, 23.0678

Details

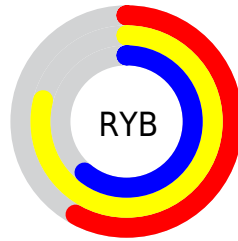
The XYZ color **48.8171, 55.5453, 36.5822** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8099, 32.6820, 59.7351**, and the grayscale version is **50.9724, 53.6269, 58.3997**.

A 20% lighter version of the original color is **86.6844, 96.5272, 70.5628**, and **23.6228, 27.4120, 15.6013** is the 20% darker color. If you saturate the color by 10%, you get **46.7543, 54.6533, 28.8195**, and if you desaturate by 10%, it is **51.1691, 56.5578, 45.8064**.

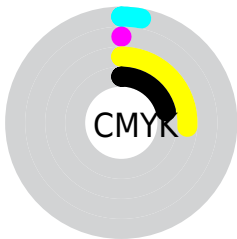
Distribution



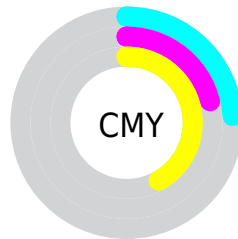
- Red (76%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8171, 55.5453, 36.5822 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 48.8171, 55.5453, 36.5822 by changing the saturation by 10% instead.

■ 48.8171, 55.5453,
36.5822

■ 48.8171, 55.5453,
36.5822

372.5508,
407.9757, 346.6122

■ 34.6884, 39.8385,
24.5909

■ 87.6221, 98.3394,
71.1089

■ 23.5883, 27.4126,
15.5563

■ 113.0291,
126.1956, 94.4813

■ 15.1516, 17.8834,
9.0598

142.9262,
158.8702, 122.4846

■ 9.0128, 10.8663,
4.6829

177.6787,
196.7478, 155.5373

■ 4.8067, 5.9770,
2.0070

217.6521,
240.2128, 194.0578

■ 2.1679, 2.8311,
0.5595

263.2117,

■ 0.7257, 1.0442,

289.6495, 238.4648

0.0000

314.7228,
345.4423, 289.1767

■ 0.0000, 0.0000,
0.0000

■ 48.8171, 55.5453,
36.5822

■ 48.8171, 55.5453,
36.5822

■ 46.7543, 54.6533,
28.8195

■ 51.1691, 56.5578,
45.8064

■ 44.9622, 53.8688,
22.4398

■ 53.8192, 57.6888,
56.5582

■ 43.4266, 53.1880,
17.3629

■ 56.7813, 58.9456,
68.9037

■ 42.1304, 52.6039,
13.4984

■ 60.0670, 60.3330,
82.9044

■ 41.0542, 52.1090,
10.7449

■ 63.6875, 61.8554,
98.6182

■ 40.1757, 51.6941,
8.9843

■ 65.2115, 62.5402,
103.2422

■ 39.4666, 51.3481,
8.0694

■ 65.8727, 62.8811,
103.2731

■ 39.2009, 51.2164,
7.8196

■ 66.5436, 63.2269,
103.3045

■ 67.2241, 63.5778,
103.3364

Harmonies

Analogous

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



54.1586, 55.5453, 35.1050



48.8171, 55.5453, 36.5822



44.8121, 55.5453, 43.8827

Triad

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



48.8171, 55.5453, 36.5822



46.6266, 55.5453, 87.9476



64.0123, 55.5453, 64.4373

Complementary

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



48.8171, 55.5453, 36.5822



34.8099, 32.6820, 59.7351

Split Complementary

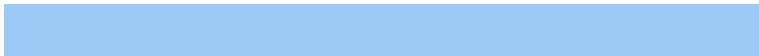
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.6718, 55.5453, 80.8079



48.8171, 55.5453, 36.5822



51.4528, 55.5453, 95.8328

Square

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



48.8171, 55.5453, 36.5822



43.6102, 55.5453, 72.9371



56.9815, 55.5453, 93.0151



63.1846, 55.5453, 49.5277

Rectangle

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



48.8171, 55.5453, 36.5822



43.3146, 55.5453, 51.8819



56.9815, 55.5453, 93.0151



63.5648, 55.5453, 69.9778

Sweetspot

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



48.8185, 55.5478, 36.5834



91.0763, 98.3110, 92.4703



41.1027, 37.7662, 33.5579



19.3425, 20.9780, 19.1740



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.



48.8185, 55.5478, 36.5834



81.5527, 94.2223, 54.9368



42.8479, 52.4698, 36.3040



11.3987, 12.3525, 11.3462



24.6965, 32.2268, 4.9188



1.2045, 1.5440, 0.2345

Inverse Universe

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



34.8099, 32.6820, 59.7351



53.5919, 48.5751, 101.1591



40.1609, 35.4406, 59.9855



10.1685, 10.3452, 13.3784



6.8943, 2.7884, 34.9192



0.3655, 0.1522, 1.6552

Previews

White Background



This preview shows how the XYZ color 48.8171, 55.5453, 36.5822 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 48.8171, 55.5453, 36.5822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

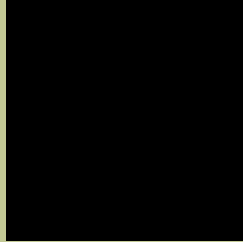
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8171, 55.5453, 36.5822

Background



This preview shows how black text looks on a background with the XYZ color 48.8171, 55.5453, 36.5822.



This preview shows how white text looks on a background with the XYZ color 48.8171, 55.5453,

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

48.8171, 55.5453, 36.5822

Protanopia

51.5847, 55.2881, 35.5566

Deuteranopia

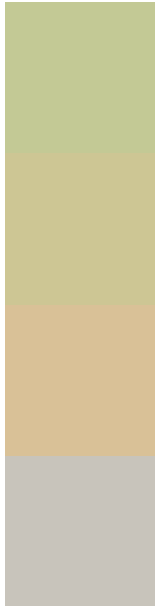
56.2838, 55.0564, 37.3662



Tritanopia

55.0837, 55.3905, 67.4627

Trichromacy



Original Color

48.8171, 55.5453, 36.5822

Protanomaly

50.7162, 55.5054, 36.0576

Deuteranomaly

53.2711, 55.1260, 37.1108

Tritanomaly

52.5290, 55.3471, 54.9282

Monochromacy



Original Color

48.8171, 55.5453, 36.5822

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.9239, 54.1235, 49.4106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8171, 55.5453, 36.5822 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, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 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(195, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 149) }
```

Border

The CSS property to change the border of an element to XYZ 48.8171, 55.5453, 36.5822 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, 201, 149) }
```


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

```
.border{ border-color:rgb(195, 201, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 201, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 201,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8171, 55.5453, 36.5822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 149) }
```

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

```
.background{ background-color: rgb(195,  
201, 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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