

Converting Colors

XYZ(48.7184, 55.9838, 36.8203)

Have a look what the booklet for
XYZ(48.7184, 55.9838, 36.8203)
contains.

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Color

**XYZ(48.5377, 55.7484,
36.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CA95
RGB	193, 202, 149
RGB Percent	76%, 79%, 58%
CMY	0.2431, 0.2078, 0.4157
CMYK	0.04, 0.00, 0.26, 0.21
HSL	70°, 33%, 69%
HSV	70°, 26%, 79%
XYZ	48.5377, 55.7484, 36.6361
YIQ	193.2670, 11.6490, -18.3910

Conversions

Conversions Part 2

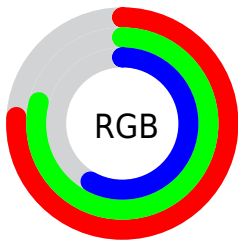
Format	Color
R _{YB}	149, 202, 158
Decimal	12700309
CIE Lab	79.47, -11.86, 25.50
CIE LCh	79, 28.120, 114.939
Yxy	55.7484, 0.3444, 0.3956
Android (android.graphics.Color)	4290890389 (0xFFC1CA95)
YUV	193.2670, -21.8236, -0.2342
Hunter-Lab	74.6649, -14.6252, 23.1733

Details

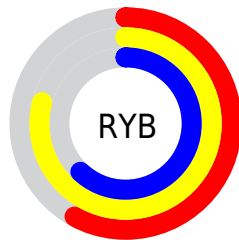
The XYZ color **48.5377, 55.7484, 36.6361** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.5107, 33.0297, 60.3839**, and the grayscale version is **50.9665, 53.6207, 58.3929**.

A 20% lighter version of the original color is **85.9638, 96.1558, 70.5291**, and **23.4420, 27.5506, 15.6376** is the 20% darker color. If you saturate the color by 10%, you get **46.1986, 54.7148, 28.8258**, and if you desaturate by 10%, it is **51.1797, 56.9093, 45.9230**.

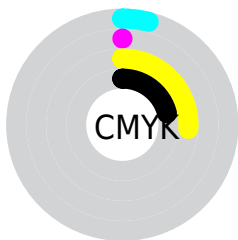
Distribution



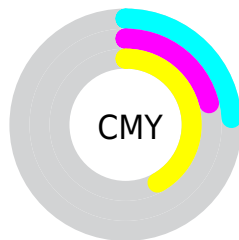
- Red (76%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5377, 55.7484, 36.6361 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 48.5377, 55.7484, 36.6361 by changing the saturation by 10% instead.


 48.5377, 55.7484,
36.6361


 48.5377, 55.7484,
36.6361


371.4667,
408.7426, 346.8535

 34.4659, 40.0012,
24.6323


 87.2093, 98.6366,
71.1928

 23.4163, 27.5395,
15.5868


 112.5398,
126.5465, 94.5828

 15.0236, 17.9788,
9.0811


142.3540,
159.2793, 122.6052

 8.9224, 10.9348,
4.6966

177.0172,
197.2196, 155.6787

 4.7473, 6.0230,
2.0147

216.8947,
240.7516, 194.2217

 2.1330, 2.8591,
0.5643

262.3518,

 0.7071, 1.0586,

290.2599, 238.6528

0.0000

313.7541,
346.1288, 289.3906

■ 0.0000, 0.0000,
0.0000

■ 48.5377, 55.7484,
36.6361

■ 48.5377, 55.7484,
36.6361

■ 46.1986, 54.7148,
28.8258

■ 51.1797, 56.9093,
45.9230

■ 44.1436, 53.7952,
22.4125

■ 54.1339, 58.1956,
56.7534

■ 42.3583, 52.9858,
17.3145

■ 57.4144, 59.6148,
69.1948

■ 40.8250, 52.2795,
13.4402

■ 61.0331, 61.1717,
83.3091

■ 39.5240, 51.6685,
10.6861

■ 65.0013, 62.8707,
99.1554

■ 38.4324, 51.1434,
8.9321

■ 66.7839, 63.6980,
103.3828

■ 37.5210, 50.6927,
8.0253

■ 67.7936, 64.2185,
103.4300

■ 37.2038, 50.5340,
7.7932

■ 68.8245, 64.7499,
103.4783

■ 69.8767, 65.2924,
103.5275

Harmonies

Analogous

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



53.9512, 55.7484, 34.6867



48.5377, 55.7484, 36.6361



44.5839, 55.7484, 44.5263

Triad

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



48.5377, 55.7484, 36.6361



46.9890, 55.7484, 89.8914



64.5605, 55.7484, 63.4864

Complementary

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



48.5377, 55.7484, 36.6361



35.5107, 33.0297, 60.3839

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.



62.3851, 55.7484, 80.3822



48.5377, 55.7484, 36.6361



52.0347, 55.7484, 97.2606

Square

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



48.5377, 55.7484, 36.6361



43.7353, 55.7484, 74.7854



57.7006, 55.7484, 93.5042



63.4597, 55.7484, 48.5054

Rectangle

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



48.5377, 55.7484, 36.6361



43.1748, 55.7484, 52.9705



57.7006, 55.7484, 93.5042



64.1838, 55.7484, 69.1483

Sweetspot

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



48.5391, 55.7509, 36.6373



90.6741, 98.1037, 92.4515



41.9823, 39.1249, 33.7737



19.2405, 20.9254, 19.1693



0.0000, 0.0000, 0.0000



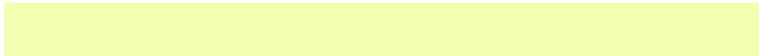
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.5391, 55.7509, 36.6373



80.0624, 93.4540, 54.8671



42.4133, 52.5929, 36.3506



11.9595, 12.9965, 11.9577



24.0047, 32.5502, 5.0176



1.2891, 1.7054, 0.2612

Inverse Universe

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



35.5107, 33.0297, 60.3839



54.6460, 49.1184, 101.2084



41.2570, 35.9920, 60.6528



10.7764, 10.9341, 14.1129



7.3432, 2.9931, 36.1470



0.4352, 0.1835, 1.8674

Previews

White Background



This preview shows how the XYZ color 48.5377, 55.7484, 36.6361 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 48.5377, 55.7484, 36.6361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

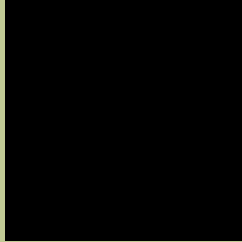
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

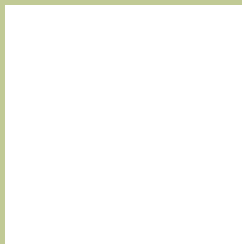
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5377, 55.7484, 36.6361

Background



This preview shows how black text looks on a background with the XYZ color 48.5377, 55.7484, 36.6361.



This preview shows how white text looks on a background with the XYZ color 48.5377, 55.7484,

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

48.5377, 55.7484, 36.6361

Protanopia

51.8704, 55.4353, 35.5700

Deuteranopia

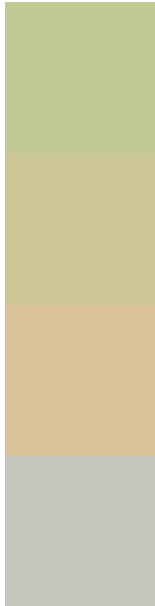
56.8201, 55.6511, 37.4528



Tritanopia

54.8878, 55.6045, 68.1614

Trichromacy



Original Color

48.5377, 55.7484, 36.6361

Protanomaly

50.4412, 55.3637, 36.0447

Deuteranomaly

53.4930, 55.5697, 37.1848

Tritanomaly

52.2246, 55.5261, 54.9788

Monochromacy



Original Color

48.5377, 55.7484, 36.6361

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.6681, 53.9916, 49.3986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5377, 55.7484, 36.6361 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(193, 202, 149)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 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(193, 202, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 149) }
```

Border

The CSS property to change the border of an element to XYZ 48.5377, 55.7484, 36.6361 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(193, 202, 149) }
```


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

```
.border{ border-color:rgb(193, 202, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 149);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5377, 55.7484, 36.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 149) }
```

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

```
.background{ background-color: rgb(193,  
202, 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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