

Converting Colors

XYZ(48.4483, 53.5220, 35.4576)

Have a look what the booklet for
XYZ(48.4483, 53.5220, 35.4576)
contains.

XYZ(48.5596, 53.7286, 35.4150)	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(48.5596, 53.7286,
35.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C493
RGB	199, 196, 147
RGB Percent	78%, 77%, 58%
CMY	0.2196, 0.2314, 0.4235
CMYK	0.00, 0.02, 0.26, 0.22
HSL	57°, 32%, 68%
HSV	57°, 26%, 78%
XYZ	48.5596, 53.7286, 35.4150
YIQ	191.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

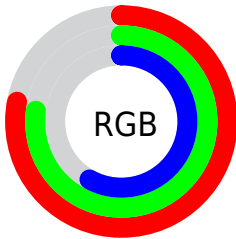
Format	Color
RYB	150, 199, 147
Decimal	13091987
CIELab	78.30, -6.77, 25.05
CIELCh	78, 25.946, 105.115
Yxy	53.7286, 0.3526, 0.3902
Android (android.graphics.Color)	4291282067 (0xFFC7C493)
YUV	191.3110, -21.8453, 6.7433
Hunter-Lab	73.2998, -10.0221, 22.6637

Details

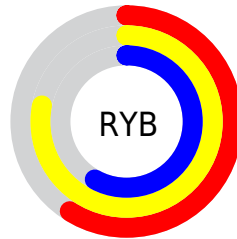
The XYZ color **48.5596, 53.7286, 35.4150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2476, 32.1384, 58.4840**, and the grayscale version is **49.8187, 52.4132, 57.0780**.

A 20% lighter version of the original color is **86.9079, 95.7276, 69.1551**, and **23.2859, 26.1198, 14.8807** is the 20% darker color. If you saturate the color by 10%, you get **46.8742, 52.6442, 27.8042**, and if you desaturate by 10%, it is **50.5199, 54.9299, 44.4514**.

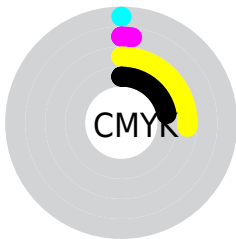
Distribution



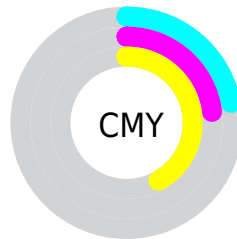
- Red (78%)
- Green (77%)
- Blue (58%)



- Red (59%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5596, 53.7286, 35.4150 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 48.5596, 53.7286, 35.4150 by changing the saturation by 10% instead.

■ 48.5596, 53.7286,
35.4150

■ 48.5596, 53.7286,
35.4150

371.5518,
401.0742, 341.3561

■ 34.4833, 38.3847,
23.6966

■ 87.2417, 95.6756,
69.2870

■ 23.4298, 26.2814,
14.8986

■ 112.5782,
123.0476, 92.2777

■ 15.0336, 17.0343,
8.6024

142.3989,
155.1977, 119.8630

■ 8.9295, 10.2589,
4.3895

177.0690,
192.5103, 152.4613

■ 4.7519, 5.5710,
1.8414

216.9541,
235.3699, 190.4912

■ 2.1357, 2.5860,
0.4550

262.4193,

■ 0.7085, 0.9196,

284.1608, 234.3713

0.0000

313.8301,
339.2675, 284.5201

■ 0.0000, 0.0000,
0.0000

■ 48.5596, 53.7286,
35.4150

■ 48.5596, 53.7286,
35.4150

■ 46.8742, 52.6442,
27.8042

■ 50.5199, 54.9299,
44.4514

■ 45.4457, 51.6638,
21.5425

■ 52.7639, 56.2459,
54.9781

■ 44.2602, 50.7838,
16.5510

■ 55.3051, 57.6840,
67.0597

■ 43.3011, 49.9974,
12.7418

■ 58.1547, 59.2487,
80.7563

■ 42.5494, 49.2972,
10.0154

■ 61.3237, 60.9443,
96.1245

■ 41.9832, 48.6743,
8.2561

■ 62.9315, 62.0187,
103.2617

■ 41.5747, 48.1176,
7.3176

■ 63.2030, 62.5617,
103.3522

■ 41.4379, 47.9115,
7.0638

■ 63.4765, 63.1087,
103.4434

■ 63.7521, 63.6597,
103.5352

Harmonies

Analogous

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



53.6209, 53.7286, 35.3941



48.5596, 53.7286, 35.4150



44.4473, 53.7286, 40.8795

Triad

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



48.5596, 53.7286, 35.4150



44.4726, 53.7286, 80.6731



61.1134, 53.7286, 65.9945

Complementary

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



48.5596, 53.7286, 35.4150



33.2476, 32.1384, 58.4840

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.



58.3143, 53.7286, 80.5744



48.5596, 53.7286, 35.4150



48.5964, 53.7286, 89.9573

Square

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



48.5596, 53.7286, 35.4150



42.1964, 53.7286, 66.1125



53.6601, 53.7286, 89.9184



61.1020, 53.7286, 51.4979

Rectangle

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



48.5596, 53.7286, 35.4150



42.7000, 53.7286, 47.4899



53.6601, 53.7286, 89.9184



60.4622, 53.7286, 71.0955

Sweetspot

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



48.5610, 53.7310, 35.4161



91.5639, 98.0076, 92.3860



39.5301, 35.2272, 33.7683



19.4663, 20.9008, 19.1526



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.



48.5610, 53.7310, 35.4161



83.3961, 93.0418, 54.6118



43.7005, 52.2384, 35.3842



11.4696, 12.3083, 11.3340



26.6678, 30.8528, 4.5496



1.2790, 1.4935, 0.2209

Inverse Universe

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



33.2476, 32.1384, 58.4840



52.3662, 49.2904, 101.3617



37.2199, 33.4857, 58.5347



10.1049, 10.3839, 13.3892



6.7308, 2.8556, 34.9408



0.3362, 0.1702, 1.6603

Previews

White Background



This preview shows how the XYZ color 48.5596, 53.7286, 35.4150 looks on a white background.

Color Contrast Check

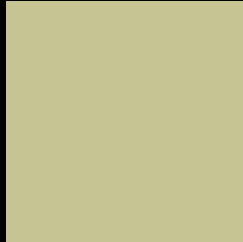
Large Text (above 18pt) WCAG AA × Fail

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 48.5596, 53.7286, 35.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

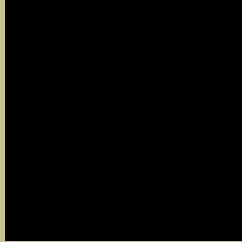
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5596, 53.7286, 35.4150

Background



This preview shows how black text looks on a background with the XYZ color 48.5596, 53.7286, 35.4150.



This preview shows how white text looks on a background with the XYZ color 48.5596, 53.7286,

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

48.5596, 53.7286, 35.4150

Protanopia

49.9904, 53.4806, 34.8821

Deuteranopia

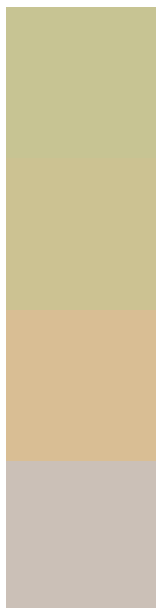
54.6623, 53.6186, 35.9022



Tritanopia

54.4307, 53.8288, 64.0211

Trichromacy



Original Color

48.5596, 53.7286, 35.4150

Protanomaly

49.3819, 53.4963, 34.9172

Deuteranomaly

52.3740, 53.7167, 35.6249

Tritanomaly

52.0255, 53.8147, 52.4450

Monochromacy



Original Color

48.5596, 53.7286, 35.4150

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0560, 52.7044, 48.1449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5596, 53.7286, 35.4150 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(199, 196, 147)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 147)  
}
```

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(199, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 147) }
```

Border

The CSS property to change the border of an element to XYZ 48.5596, 53.7286, 35.4150 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(199, 196, 147) }
```


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

```
.border{ border-color:rgb(199, 196, 147) }
```

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

Here you see how a box with a 4 pixel rgb(199, 196, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 147);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5596, 53.7286, 35.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 147) }
```

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

```
.background{ background-color: rgb(199,  
196, 147) }
```

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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