

Converting Colors

XYZ(47.8502, 53.3537, 35.7933)

Have a look what the booklet for
XYZ(47.8502, 53.3537, 35.7933)
contains.

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Color

**XYZ(47.8502, 53.3537,
35.7933)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C494
RGB	196, 196, 148
RGB Percent	77%, 77%, 58%
CMY	0.2314, 0.2314, 0.4196
CMYK	0.00, 0.00, 0.24, 0.23
HSL	60°, 29%, 67%
HSV	60°, 24%, 77%
XYZ	47.8502, 53.3537, 35.7933
YIQ	190.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

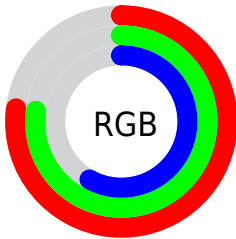
Format	Color
RYB	148, 196, 148
Decimal	12895380
CIELab	78.08, -7.77, 24.18
CIELCh	78, 25.400, 107.822
Yxy	53.3537, 0.3493, 0.3895
Android (android.graphics.Color)	4291085460 (0xFFC4C494)
YUV	190.5280, -20.9663, 4.7989
Hunter-Lab	73.0436, -10.8926, 22.0769

Details

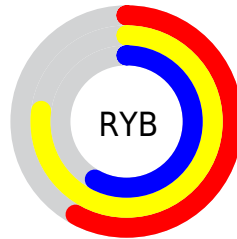
The XYZ color **47.8502, 53.3537, 35.7933** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7684, 31.4626, 56.5733**, and the grayscale version is **49.3604, 51.9309, 56.5528**.

A 20% lighter version of the original color is **86.2940, 95.3975, 69.7425**, and **22.9860, 25.9599, 15.1085** is the 20% darker color. If you saturate the color by 10%, you get **46.4284, 52.7868, 28.3027**, and if you desaturate by 10%, it is **49.5375, 54.0305, 44.6699**.

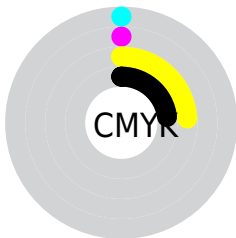
Distribution



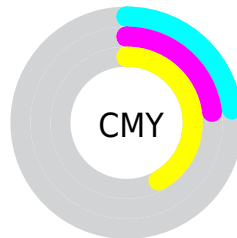
- Red (77%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8502, 53.3537, 35.7933 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 47.8502, 53.3537, 35.7933 by changing the saturation by 10% instead.

■ 47.8502, 53.3537,
35.7933

■ 47.8502, 53.3537,
35.7933

368.7905,
399.6407, 343.0662

■ 33.9190, 38.0852,
23.9862

■ 86.1924, 95.1246,
69.8784

■ 22.9940, 26.0488,
15.1113

■ 111.3341,
122.3959, 92.9934

■ 14.7097, 16.8602,
8.7500

140.9434,
154.4368, 120.7148

■ 8.7009, 10.1348,
4.4839

175.3855,
191.6318, 153.4611

■ 4.6022, 5.4885,
1.8944

215.0260,
234.3653, 191.6508

■ 2.0481, 2.5366,
0.4892

260.2301,

■ 0.6608, 0.8949,

283.0217, 235.7026

0.0000

311.3631,
337.9853, 286.0349

■ 0.0000, 0.0000,
0.0000

■ 47.8502, 53.3537,
35.7933

■ 47.8502, 53.3537,
35.7933

■ 46.4284, 52.7868,
28.3027

■ 49.5375, 54.0305,
44.6699

■ 45.2548, 52.3173,
22.1249

■ 51.4984, 54.8149,
54.9937

■ 44.3164, 51.9418,
17.1854


■ 53.7460, 55.7140,
66.8266


■ 43.5972, 51.6541,
13.4008


■ 56.2909, 56.7320,
80.2259


■ 43.0796, 51.4470,
10.6773


■ 59.1436, 57.8732,
95.2456


 42.7429, 51.3123,
8.9066


 60.5589, 58.4393,
102.6959

 42.5622, 51.2400,
7.9576

 60.5593, 58.4396,
102.6959

 42.5027, 51.2161,
7.6456

 60.5598, 58.4398,
102.6959

 60.5603, 58.4400,
102.6959

Harmonies

Analogous

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



52.7478, 53.3537, 35.2920



47.8502, 53.3537, 35.7933



43.9723, 53.3537, 41.6287

Triad

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



47.8502, 53.3537, 35.7933



44.5784, 53.3537, 80.7543



60.6074, 53.3537, 64.0421

Complementary

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



47.8502, 53.3537, 35.7933



32.7684, 31.4626, 56.5733

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.



58.1054, 53.3537, 78.4105



47.8502, 53.3537, 35.7933



48.7275, 53.3537, 89.0604

Square

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



47.8502, 53.3537, 35.7933



42.1697, 53.3537, 66.8523



53.6838, 53.3537, 88.1388



60.3344, 53.3537, 50.1345

Rectangle

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



47.8502, 53.3537, 35.7933



42.3891, 53.3537, 48.3886



53.6838, 53.3537, 88.1388



60.0567, 53.3537, 69.0155

Sweetspot

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



47.8516, 53.3561, 35.7944



92.3074, 98.9029, 94.4608



38.7019, 35.0550, 32.7442



19.7096, 21.1501, 19.9658



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.



47.8516, 53.3561, 35.7944



85.3432, 96.1170, 57.7973



42.1005, 50.3913, 35.5253



10.9134, 11.7583, 10.7563



27.3084, 32.9068, 4.9123



1.1799, 1.4218, 0.2122

Inverse Universe

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



32.7684, 31.4626, 56.5733



53.6534, 50.1187, 101.4538



37.5685, 33.9372, 56.7979



9.5284, 9.7481, 12.6642



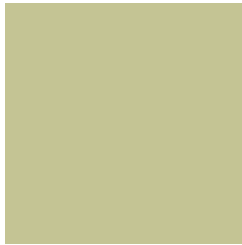
6.4024, 2.5610, 33.7135



0.2767, 0.1107, 1.4567

Previews

White Background



This preview shows how the XYZ color 47.8502, 53.3537, 35.7933 looks on a white background.

Color Contrast Check

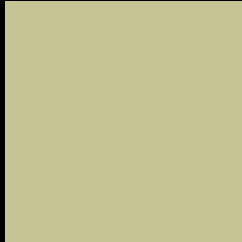
Large Text (above 18pt) WCAG AA × Fail

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 47.8502, 53.3537, 35.7933 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 47.8502, 53.3537, 35.7933

Background



This preview shows how black text looks on a background with the XYZ color 47.8502, 53.3537, 35.7933.



This preview shows how white text looks on a background with the XYZ color 47.8502, 53.3537,

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

47.8502, 53.3537, 35.7933

Protanopia

49.7900, 53.3683, 35.2807

Deuteranopia

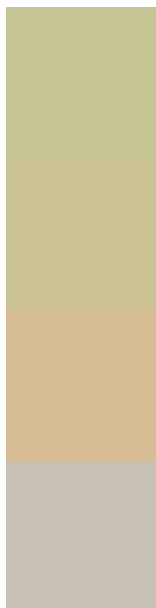
54.2180, 53.0687, 36.2398



Tritanopia

53.6057, 53.4035, 63.9825

Trichromacy



Original Color

47.8502, 53.3537, 35.7933

Protanomaly

48.9154, 53.2467, 35.3033

Deuteranomaly

51.6467, 53.0122, 35.9441

Tritanomaly

51.2163, 53.3975, 52.4071

Monochromacy



Original Color

47.8502, 53.3537, 35.7933

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8001, 52.5725, 48.1329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8502, 53.3537, 35.7933 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(196, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 148)  
}
```

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(196, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 148) }
```

Border

The CSS property to change the border of an element to XYZ 47.8502, 53.3537, 35.7933 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(196, 196, 148) }
```


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

```
.border{ border-color:rgb(196, 196, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 148);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8502, 53.3537, 35.7933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 148) }
```

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

```
.background{ background-color: rgb(196,  
196, 148) }
```

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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