

Converting Colors

XYZ(47.9838, 53.1113, 34.9134)

Have a look what the booklet for
XYZ(47.9838, 53.1113, 34.9134)
contains.

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Color

**XYZ(47.9921, 53.1113,
34.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C392
RGB	198, 195, 146
RGB Percent	78%, 76%, 57%
CMY	0.2235, 0.2353, 0.4274
CMYK	0.00, 0.02, 0.26, 0.22
HSL	57°, 31%, 67%
HSV	57°, 26%, 78%
XYZ	47.9921, 53.1113, 34.9162
YIQ	190.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

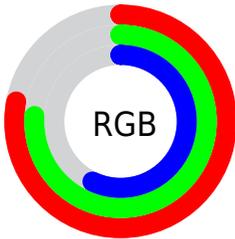
Format	Color
RYB	149, 198, 146
Decimal	13026194
CIELab	77.94, -6.77, 25.07
CIELCh	78, 25.969, 105.103
Yxy	53.1113, 0.3528, 0.3905
Android (android.graphics.Color)	4291216274 (0xFFC6C392)
YUV	190.3110, -21.8453, 6.7433
Hunter-Lab	72.8775, -9.9878, 22.6079

Details

The XYZ color **47.9921, 53.1113, 34.9162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7944, 31.6823, 57.8131**, and the grayscale version is **49.2390, 51.8032, 56.4137**.

A 20% lighter version of the original color is **86.1625, 94.4245, 68.3281**, and **23.0920, 25.8053, 14.5903** is the 20% darker color. If you saturate the color by 10%, you get **46.3294, 52.0407, 27.4101**, and if you desaturate by 10%, it is **49.9263, 54.2973, 43.8302**.

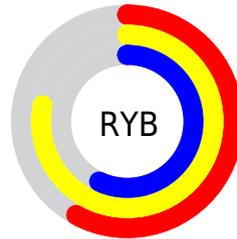
Distribution



Red (78%)

Green (76%)

Blue (57%)



Red (58%)

Yellow (78%)

Blue (57%)

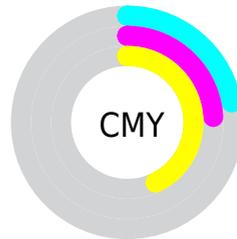


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9921, 53.1113, 34.9162 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 47.9921, 53.1113, 34.9162 by changing the saturation by 10% instead.

 47.9921, 53.1113,
34.9162

 47.9921, 53.1113,
34.9162

369.3439,
398.7120, 339.0913

 34.0319, 37.8916,
23.3153

 86.4024, 94.7681,
68.5060

 23.0811, 25.8986,
14.6190

 111.5832,
121.9741, 91.3320

 14.7744, 16.7478,
8.4088

141.2348,
153.9442, 118.7368

 8.7465, 10.0548,
4.2661

175.7228,
191.0630, 151.1389

 4.6320, 5.4353,
1.7724

215.4123,
233.7147, 188.9569

 2.0655, 2.5049,
0.4097

260.6687,

 0.6704, 0.8791,

282.2839, 232.6092

0.0000

311.8575,
337.1549, 282.5145

■ 0.0000, 0.0000,
0.0000

■ 47.9921, 53.1113,
34.9162

■ 47.9921, 53.1113,
34.9162

■ 46.3294, 52.0407,
27.4101

■ 49.9263, 54.2973,
43.8302

■ 44.9203, 51.0729,
21.2360

■ 52.1407, 55.5966,
54.2159

■ 43.7512, 50.2041,
16.3162

■ 54.6485, 57.0165,
66.1373

■ 42.8055, 49.4279,
12.5635

■ 57.4611, 58.5613,
79.6536

■ 42.0647, 48.7366,
9.8796

■ 60.5890, 60.2355,
94.8210

■ 41.5068, 48.1217,
8.1500

■ 62.4236, 61.3956,
103.1682

■ 41.1043, 47.5719,
7.2284

■ 62.6920, 61.9322,
103.2576

■ 40.9734, 47.3750,
6.9848

■ 62.9623, 62.4729,
103.3477

■ 63.2346, 63.0175,
103.4385

Harmonies

Analogous

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



53.0191, 53.1113, 34.8978



47.9921, 53.1113, 34.9162



43.9083, 53.1113, 40.3334

Triad

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



47.9921, 53.1113, 34.9162



43.9308, 53.1113, 79.8564



60.4607, 53.1113, 65.2793

Complementary

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



47.9921, 53.1113, 34.9162



32.7944, 31.6823, 57.8131

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.



57.6782, 53.1113, 79.7689



47.9921, 53.1113, 34.9162



48.0246, 53.1113, 89.0911

Square

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



47.9921, 53.1113, 34.9162



41.6721, 53.1113, 65.3838



53.0539, 53.1113, 89.0566



60.4506, 53.1113, 50.8801

Rectangle

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



47.9921, 53.1113, 34.9162



42.1732, 53.1113, 46.8913



53.0539, 53.1113, 89.0566



59.8132, 53.1113, 70.3480

Sweetspot

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



47.9935, 53.1137, 34.9173



91.5639, 98.0076, 92.3860



39.0302, 34.7491, 33.2804



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.



47.9935, 53.1137, 34.9173



83.1005, 92.8504, 53.2805



43.1669, 51.6318, 34.8857



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.



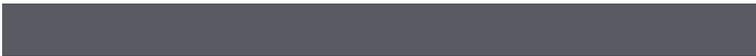
32.7944, 31.6823, 57.8131



51.3125, 48.0306, 101.1741



36.7347, 33.0192, 57.8634



10.1049, 10.3839, 13.3892



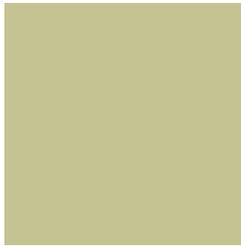
6.7308, 2.8556, 34.9408



0.3362, 0.1702, 1.6603

Previews

White Background



This preview shows how the XYZ color 47.9921, 53.1113, 34.9162 looks on a white background.

Color Contrast Check

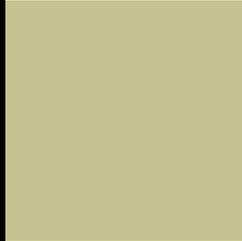
Large Text (above 18pt) WCAG AA × Fail

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 47.9921, 53.1113, 34.9162 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

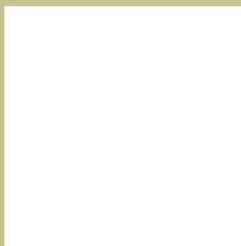
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9921, 53.1113, 34.9162

Background



This preview shows how black text looks on a background with the XYZ color 47.9921, 53.1113, 34.9162.



This preview shows how white text looks on a background with the XYZ color 47.9921, 53.1113,

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

47.9921, 53.1113, 34.9162

Protanopia

49.4141, 52.8654, 34.3877

Deuteranopia

54.0583, 53.0048, 35.3987



Tritanopia

53.8207, 53.2098, 63.3110

Trichromacy



Original Color

47.9921, 53.1113, 34.9162

Protanomaly

48.8094, 52.8808, 34.4225

Deuteranomaly

51.7830, 53.1007, 35.1240

Tritanomaly

51.4314, 53.1956, 51.8130

Monochromacy



Original Color

47.9921, 53.1113, 34.9162

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.4819, 52.0927, 47.5440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9921, 53.1113, 34.9162 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.9921, 53.1113, 34.9162 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, 146) }
```

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

```
.border{ border-color:rgb(198, 195, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9921, 53.1113, 34.9162 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, 146) }
```

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

```
.background{ background-color: rgb(198,  
195, 146) }
```

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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