

Converting Colors

XYZ(48.1560, 53.8382, 36.2875)

Have a look what the booklet for
XYZ(48.1560, 53.8382, 36.2875)
contains.

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Color

**XYZ(48.1560, 53.8382,
36.2875)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C595
RGB	196, 197, 149
RGB Percent	77%, 77%, 58%
CMY	0.2314, 0.2274, 0.4157
CMYK	0.01, 0.00, 0.24, 0.23
HSL	61°, 29%, 68%
HSV	61°, 24%, 77%
XYZ	48.1560, 53.8382, 36.2875
YIQ	191.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

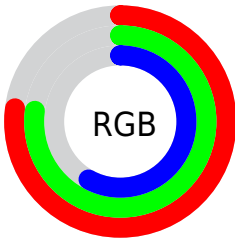
Format	Color
RYB	149, 197, 150
Decimal	12895637
CIELab	78.37, -8.15, 24.04
CIELCh	78, 25.383, 108.734
Yxy	53.8382, 0.3482, 0.3893
Android (android.graphics.Color)	4291085717 (0xFFC4C595)
YUV	191.2290, -20.8189, 4.1842
Hunter-Lab	73.3745, -11.2551, 22.0402

Details

The XYZ color **48.1560, 53.8382, 36.2875** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4053, 32.0116, 57.2446**, and the grayscale version is **49.7664, 52.3581, 57.0180**.

A 20% lighter version of the original color is **86.7293, 96.0781, 70.4737**, and **23.1824, 26.2775, 15.4055** is the 20% darker color. If you saturate the color by 10%, you get **46.6078, 53.2084, 28.6878**, and if you desaturate by 10%, it is **49.9734, 54.5794, 45.2908**.

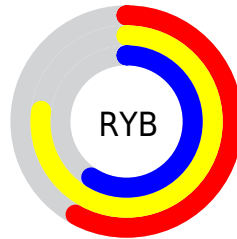
Distribution



Red (77%)

Green (77%)

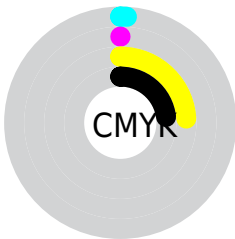
Blue (58%)



Red (58%)

Yellow (77%)

Blue (59%)

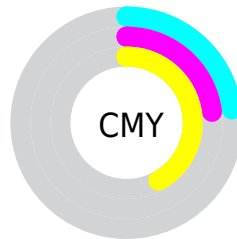


Cyan (1%)

Magenta (0%)

Yellow (24%)

Black (23%)



Cyan (23%)


Magenta (23%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1560, 53.8382, 36.2875 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 48.1560, 53.8382, 36.2875 by changing the saturation by 10% instead.


 48.1560, 53.8382,
36.2875


 48.1560, 53.8382,
36.2875


369.9824,
401.4927, 345.2908

 34.1622, 38.4723,
24.3649


 86.6449, 95.8366,
70.6496

 23.1817, 26.3495,
15.3898

 111.8708,
123.2380, 93.9262

 14.8492, 17.0853,
8.9438


141.5713,
155.4199, 121.8245

 8.7992, 10.2953,
4.6082

176.1120,
192.7669, 154.7630

 4.6665, 5.5952,
1.9646

215.8580,
235.6633, 193.1604

 2.0857, 2.6005,
0.5334

261.1749,

 0.6814, 0.9269,

284.4934, 237.4351

0.0000

312.4279,
339.6418, 288.0057

■ 0.0000, 0.0000,
0.0000

■ 48.1560, 53.8382,
36.2875

■ 48.1560, 53.8382,
36.2875

■ 46.6078, 53.2084,
28.6878

■ 49.9734, 54.5794,
45.2908

■ 45.3112, 52.6774,
22.4178

■ 52.0682, 55.4298,
55.7597

■ 44.2531, 52.2419,
17.4019

■ 54.4535, 56.3964,
67.7568

■ 43.4175, 51.8953,
13.5559

■ 57.1403, 57.4836,
81.3399

■ 42.7863, 51.6306,
10.7850

■ 60.1390, 58.6956,
96.5640

■ 42.3387, 51.4394,
8.9798

■ 61.4314, 59.2252,
102.8016

■ 42.0497, 51.3116,
8.0075

■ 61.5406, 59.2815,
102.8067

■ 41.9295, 51.2567,
7.6836

■ 61.6501, 59.3379,
102.8118

■ 61.7599, 59.3945,
102.8169

Harmonies

Analogous

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



53.0661, 53.8382, 35.6199



48.1560, 53.8382, 36.2875



44.3032, 53.8382, 42.3228

Triad

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



48.1560, 53.8382, 36.2875



45.1095, 53.8382, 81.7563



61.1538, 53.8382, 64.1459

Complementary

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



48.1560, 53.8382, 36.2875



33.4053, 32.0116, 57.2446

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.



58.7155, 53.8382, 78.6426



48.1560, 53.8382, 36.2875



49.3227, 53.8382, 89.8555

Square

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



48.1560, 53.8382, 36.2875



42.6247, 53.8382, 67.8814



54.3105, 53.8382, 88.6316



60.7908, 53.8382, 50.2429

Rectangle

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



48.1560, 53.8382, 36.2875



42.7530, 53.8382, 49.2219



54.3105, 53.8382, 88.6316



60.6286, 53.8382, 69.1456

Sweetspot

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



48.1574, 53.8406, 36.2886



92.1707, 98.8324, 94.4544



39.3270, 35.7905, 33.2700



19.6778, 21.1337, 19.9643



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.



48.1574, 53.8406, 36.2886



84.7784, 95.8258, 57.7709



42.4503, 50.8985, 36.0216



11.5011, 12.4053, 11.3510



27.5867, 33.7168, 5.0540



1.3134, 1.6002, 0.2396

Inverse Universe

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



33.4053, 32.0116, 57.2446



54.0170, 50.3061, 101.4708



38.2382, 34.5030, 57.4708



10.0769, 10.2979, 13.3741



6.6716, 2.6736, 34.9088



0.3232, 0.1304, 1.6533

Previews

White Background



This preview shows how the XYZ color 48.1560, 53.8382, 36.2875 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 48.1560, 53.8382, 36.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

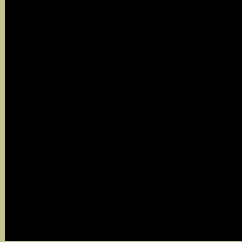
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1560, 53.8382, 36.2875

Background



This preview shows how black text looks on a background with the XYZ color 48.1560, 53.8382, 36.2875.



This preview shows how white text looks on a background with the XYZ color 48.1560, 53.8382,

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

48.1560, 53.8382, 36.2875

Protanopia

50.0686, 53.5119, 35.2937

Deuteranopia

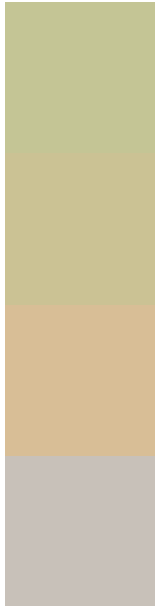
54.8234, 53.6831, 36.7505



Tritanopia

54.0615, 53.9312, 65.3180

Trichromacy



Original Color

48.1560, 53.8382, 36.2875

Protanomaly

49.2657, 53.4182, 35.7311

Deuteranomaly

52.2374, 53.6278, 36.4522

Tritanomaly

51.6463, 53.9221, 53.5849

Monochromacy



Original Color

48.1560, 53.8382, 36.2875

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8988, 52.6120, 48.6522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1560, 53.8382, 36.2875 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, 197, 149)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 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(196, 197, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 149) }
```

Border

The CSS property to change the border of an element to XYZ 48.1560, 53.8382, 36.2875 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, 197, 149) }
```


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

```
.border{ border-color:rgb(196, 197, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 149);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1560, 53.8382, 36.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 149) }
```

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

```
.background{ background-color: rgb(196,  
197, 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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