

Converting Colors

XYZ(51.5822, 62.4628, 35.7234)

Have a look what the booklet for
XYZ(51.5822, 62.4628, 35.7234)
contains.

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Color

**XYZ(51.5822, 62.4628,
35.7234)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D890
RGB	193, 216, 144
RGB Percent	76%, 85%, 56%
CMY	0.2431, 0.1529, 0.4353
CMYK	0.11, 0.00, 0.33, 0.15
HSL	79°, 48%, 71%
HSV	79°, 33%, 85%
XYZ	51.5822, 62.4628, 35.7234
YIQ	200.9150, 9.4040, -27.2680

Conversions

Conversions Part 2

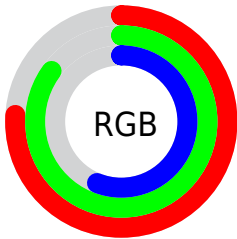
Format	Color
RYB	144, 216, 167
Decimal	12703888
CIELab	83.16, -19.57, 33.02
CIELCh	83, 38.385, 120.650
Yxy	62.4628, 0.3444, 0.4171
Android (android.graphics.Color)	4290893968 (0xFFC1D890)
YUV	200.9150, -28.0591, -6.9415
Hunter-Lab	79.0334, -21.8081, 28.5241

Details

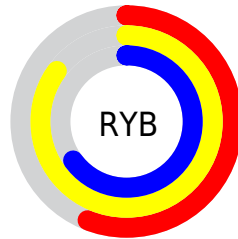
The XYZ color **51.5822, 62.4628, 35.7234** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3068, 33.1216, 69.3434**, and the grayscale version is **55.6303, 58.5275, 63.7364**.

A 20% lighter version of the original color is **85.3774, 95.9212, 67.4409**, and **25.3681, 31.7690, 15.1509** is the 20% darker color. If you saturate the color by 10%, you get **48.3687, 60.9810, 27.7643**, and if you desaturate by 10%, it is **55.1969, 64.1188, 45.3526**.

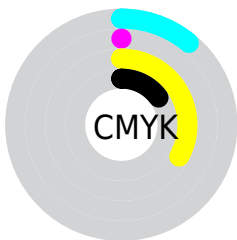
Distribution



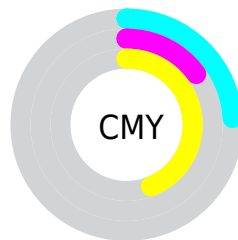
- Red (76%)
- Green (85%)
- Blue (56%)



- Red (56%)
- Yellow (85%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5822, 62.4628, 35.7234 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 51.5822, 62.4628, 35.7234 by changing the saturation by 10% instead.


 51.5822, 62.4628,
35.7234

 51.5822, 62.4628,
35.7234

383.1720,
433.6172, 342.7507

 36.8951, 45.4068,
23.9326


 91.6927, 108.3941,
69.7692

 25.2996, 31.7779,
15.0719

 117.8467,
138.0382, 92.8612

 16.4303, 21.1919,
8.7227


148.5538,
172.6471, 120.5575

 9.9219, 13.2644,
4.4664

184.1793,
212.6051, 153.2765

 5.4091, 7.6108,
1.8846

225.0885,
258.2968, 191.4368

 2.5264, 3.8470,
0.4829

271.6468,

 0.9086, 1.5883,

310.1064, 235.4569

0.0000

324.2195,
368.4184, 285.7554

0.0000, 0.3497,
0.0000

0.0000, 0.0000,
0.0000

51.5822, 62.4628,
35.7234

51.5822, 62.4628,
35.7234

48.3687, 60.9810,
27.7643

55.1969, 64.1188,
45.3526

45.5325, 59.6573,
21.3761


59.2257, 65.9480,
56.7356


43.0541, 58.4860,
16.4552


63.6869, 67.9598,
69.9552


40.9101, 57.4576,
12.8841


68.5958, 70.1606,
85.0879

 39.0734, 56.5610,
10.5270


 73.9674, 72.5564,
102.2057


 37.5119, 55.7833,
9.2200

 76.6731, 73.8960,
104.8300

 36.5883, 55.3166,
8.7488

 78.9887, 75.0897,
104.9384

 81.3935, 76.3295,
105.0509

 83.8472, 77.5944,
105.1657

Harmonies

Analogous

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



59.1877, 62.4628, 31.7187



51.5822, 62.4628, 35.7234



46.4896, 62.4628, 47.9384

Triad

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



51.5822, 62.4628, 35.7234



51.8690, 62.4628, 116.2656



76.8429, 62.4628, 67.4928

Complementary

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



51.5822, 62.4628, 35.7234



38.3068, 33.1216, 69.3434

Split Complementary

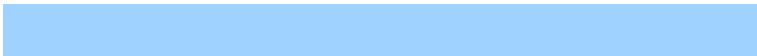
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4313, 62.4628, 93.0262



51.5822, 62.4628, 35.7234



59.5507, 62.4628, 124.8720

Square

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



51.5822, 62.4628, 35.7234



46.6440, 62.4628, 94.1402



67.9025, 62.4628, 115.5238



74.2205, 62.4628, 47.2287

Rectangle

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



51.5822, 62.4628, 35.7234



44.9433, 62.4628, 60.8372



67.9025, 62.4628, 115.5238



76.5920, 62.4628, 75.7284

Sweetspot

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



51.5838, 62.4656, 35.7247



88.2787, 96.9525, 88.5562



47.1373, 44.1788, 32.4294



18.7028, 20.6649, 18.3907



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.



51.5838, 62.4656, 35.7247



71.7600, 89.4145, 43.6136



43.5356, 58.3166, 35.3481



13.0691, 14.3118, 13.2344



21.7721, 32.8003, 5.1836



1.3976, 2.0219, 0.3166

Inverse Universe

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



38.3068, 33.1216, 69.3434



49.5912, 40.3902, 99.7901



46.9444, 37.5744, 69.7476



12.1124, 12.1993, 15.6538



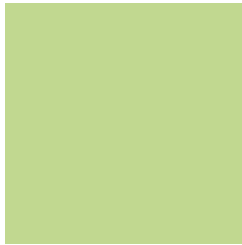
8.8894, 3.7352, 38.7056



0.6213, 0.2692, 2.3385

Previews

White Background



This preview shows how the XYZ color 51.5822, 62.4628, 35.7234 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 51.5822, 62.4628, 35.7234 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

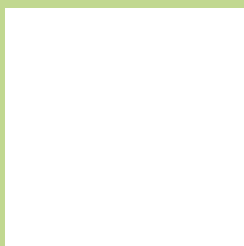
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5822, 62.4628, 35.7234

Background



This preview shows how black text looks on a background with the XYZ color 51.5822, 62.4628, 35.7234.



This preview shows how white text looks on a background with the XYZ color 51.5822, 62.4628,

35.7234.

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

51.5822, 62.4628, 35.7234

Protanopia

57.7869, 62.3664, 33.8032

Deuteranopia

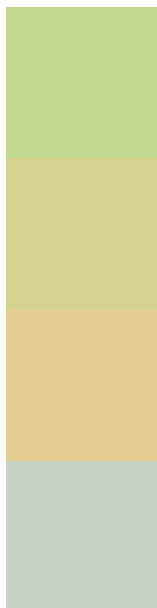
63.5454, 62.1191, 36.6580



Tritanopia

60.2924, 62.3077, 78.6609

Trichromacy



Original Color

51.5822, 62.4628, 35.7234

Protanomaly

55.2949, 62.1624, 34.2835

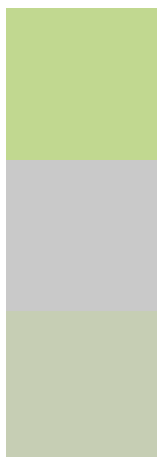
Deuteranomaly

58.7763, 62.1001, 36.4924

Tritanomaly

56.6036, 62.2676, 60.0745

Monochromacy



Original Color

51.5822, 62.4628, 35.7234

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.5982, 59.4437, 51.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5822, 62.4628, 35.7234 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, 216, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 216, 144)  
}
```

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, 216, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 144) }
```

Border

The CSS property to change the border of an element to XYZ 51.5822, 62.4628, 35.7234 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, 216, 144) }
```


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

```
.border{ border-color:rgb(193, 216, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 216, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 216, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 216, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 216,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5822, 62.4628, 35.7234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 216, 144) }
```

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

```
.background{ background-color: rgb(193,  
216, 144) }
```

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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