

Converting Colors

XYZ(50.3639, 61.0566, 33.1758)

Have a look what the booklet for
XYZ(50.3639, 61.0566, 33.1758)
contains.

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Color

**XYZ(50.3722, 61.1346,
33.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D68A
RGB	192, 214, 138
RGB Percent	75%, 84%, 54%
CMY	0.2471, 0.1608, 0.4588
CMYK	0.10, 0.00, 0.36, 0.16
HSL	77°, 48%, 69%
HSV	77°, 36%, 84%
XYZ	50.3722, 61.1346, 33.1900
YIQ	198.7580, 11.2840, -28.3000

Conversions

Conversions Part 2

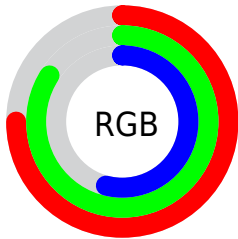
Format	Color
RYB	138, 214, 160
Decimal	12637834
CIELab	82.45, -19.73, 35.14
CIELCh	82, 40.303, 119.313
Yxy	61.1346, 0.3481, 0.4225
Android (android.graphics.Color)	4290827914 (0xFFC0D68A)
YUV	198.7580, -29.9537, -5.9268
Hunter-Lab	78.1886, -21.8333, 29.5642

Details

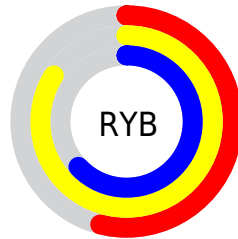
The XYZ color **50.3722, 61.1346, 33.1900** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.7258, 30.5073, 67.6274**, and the grayscale version is **54.3119, 57.1404, 62.2259**.

A 20% lighter version of the original color is **84.3413, 95.4655, 63.8506**, and **24.4350, 30.8028, 13.6745** is the 20% darker color. If you saturate the color by 10%, you get **47.4375, 59.7854, 25.7466**, and if you desaturate by 10%, it is **53.6814, 62.6454, 42.2469**.

Distribution



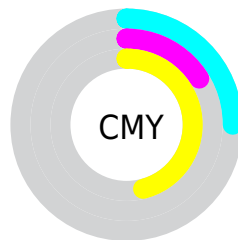
- Red (75%)
- Green (84%)
- Blue (54%)



- Red (54%)
- Yellow (84%)
- Blue (63%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3722, 61.1346, 33.1900 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 50.3722, 61.1346, 33.1900 by changing the saturation by 10% instead.

■ 50.3722, 61.1346,
33.1900

■ 50.3722, 61.1346,
33.1900

378.5477,
428.7674, 331.1632

■ 35.9282, 44.3338,
21.9997

■ 89.9146, 106.4738,
65.7915

■ 24.5486, 30.9330,
13.6584

■ 115.7438,
135.7810, 88.0398

■ 15.8680, 20.5478,
7.7474

■ 146.0988,
170.0258, 114.8111

■ 9.5211, 12.7939,
3.8483

181.3448,
209.5926, 146.5241

■ 5.1424, 7.2868,
1.5425

221.8474,
254.8657, 183.5973

■ 2.3667, 3.6421,
0.2493

267.9718,

■ 0.8285, 1.4754,

306.2296, 226.4492

0.0000

320.0835,
364.0687, 275.4983

■ 0.0000, 0.2713,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.3722, 61.1346,
33.1900

■ 50.3722, 61.1346,
33.1900

■ 47.4375, 59.7854,
25.7466

■ 53.6814, 62.6454,
42.2469

■ 44.8538, 58.5820,
19.8179


■ 57.3777, 64.3168,
53.0006


■ 42.6020, 57.5188,
15.3003


■ 61.4789, 66.1579,
65.5332

■ 40.6587, 56.5863,
12.0756


■ 66.0001, 68.1749,
79.9205


 38.9971, 55.7738,
10.0064


 70.9555, 70.3736,
96.2338


 37.5842, 55.0679,
8.9239

 74.4674, 72.0029,
104.5808

 37.0050, 54.7754,
8.6224

 76.4821, 73.0415,
104.6751

 78.5681, 74.1169,
104.7727

 80.7261, 75.2294,
104.8737

Harmonies

Analogous

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



58.3054, 61.1346, 29.5191



50.3722, 61.1346, 33.1900



45.0002, 61.1346, 45.1806

Triad

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



50.3722, 61.1346, 33.1900



50.0601, 61.1346, 116.2332



76.2834, 61.1346, 67.1355

Complementary

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



50.3722, 61.1346, 33.1900



35.7258, 30.5073, 67.6274

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.



73.5387, 61.1346, 93.8144



50.3722, 61.1346, 33.1900



57.9082, 61.1346, 126.1244

Square

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



50.3722, 61.1346, 33.1900



44.8329, 61.1346, 92.5815



66.5948, 61.1346, 117.0599



73.7713, 61.1346, 45.9457

Rectangle

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



50.3722, 61.1346, 33.1900



43.3088, 61.1346, 58.1536



66.5948, 61.1346, 117.0599



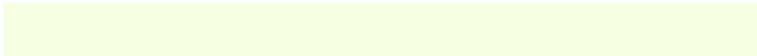
75.9410, 61.1346, 75.7511

Sweetspot

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



50.3737, 61.1373, 33.1913



87.9332, 96.8154, 86.6895



44.8113, 41.1132, 29.6194



18.6449, 20.6432, 18.0191



0.0000, 0.0000, 0.0000



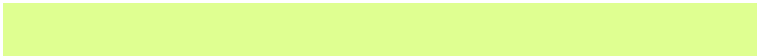
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.3737, 61.1373, 33.1913



71.4073, 89.3033, 40.4035



42.0515, 56.8470, 32.8018



13.1063, 14.3310, 13.2361



22.4736, 33.1619, 5.2164



1.4357, 2.0415, 0.3184

Inverse Universe

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



35.7258, 30.5073, 67.6274



46.3826, 36.9365, 99.2926



44.3942, 34.9760, 68.0331



12.0770, 12.1811, 15.6522



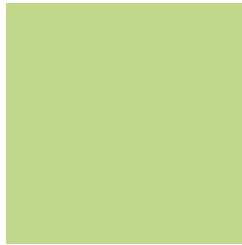
8.6256, 3.5992, 38.6932



0.6019, 0.2592, 2.3376

Previews

White Background



This preview shows how the XYZ color 50.3722, 61.1346, 33.1900 looks on a white background.

Color Contrast Check

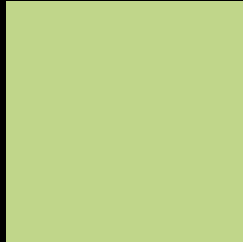
Large Text (above 18pt) WCAG AA × Fail

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 50.3722, 61.1346, 33.1900 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 50.3722, 61.1346, 33.1900

Background



This preview shows how black text looks on a background with the XYZ color 50.3722, 61.1346, 33.1900.



This preview shows how white text looks on a background with the XYZ color 50.3722, 61.1346,

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

50.3722, 61.1346, 33.1900

Protanopia

56.2586, 60.9135, 31.3466

Deuteranopia

61.9306, 60.6659, 34.0368



Tritanopia

59.1397, 61.0495, 76.3769

Trichromacy



Original Color

50.3722, 61.1346, 33.1900

Protanomaly

53.7930, 60.7099, 31.8047

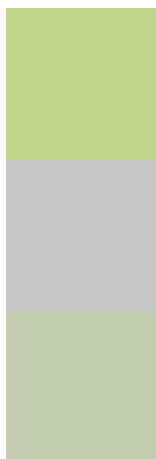
Deuteranomaly

57.2150, 60.6425, 33.8889

Tritanomaly

55.4033, 60.9716, 57.5638

Monochromacy



Original Color

50.3722, 61.1346, 33.1900

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.2936, 58.0958, 50.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3722, 61.1346, 33.1900 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(192, 214, 138)` looks like.

```
.text, #text, p{  
    color:rgb(192, 214, 138)  
}
```

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(192, 214, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 214, 138) }
```

Border

The CSS property to change the border of an element to XYZ 50.3722, 61.1346, 33.1900 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(192, 214, 138) }
```


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

```
.border{ border-color:rgb(192, 214, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 214, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 214, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 214, 138);  
box-shadow:4px 4px 4px 4px rgb(192, 214,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3722, 61.1346, 33.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 214, 138) }
```

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

```
.background{ background-color: rgb(192,  
214, 138) }
```

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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