

Converting Colors

XYZ(50.6798, 61.1403, 32.5421)

Have a look what the booklet for XYZ(50.6798, 61.1403, 32.5421) contains.

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Color

**XYZ(50.7386, 61.3400,
32.4582)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D688
RGB	194, 214, 136
RGB Percent	76%, 84%, 53%
CMY	0.2392, 0.1608, 0.4667
CMYK	0.09, 0.00, 0.36, 0.16
HSL	75°, 49%, 69%
HSV	75°, 36%, 84%
XYZ	50.7386, 61.3400, 32.4582
YIQ	199.1280, 13.1180, -28.4980

Conversions

Conversions Part 2

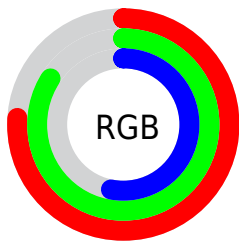
Format	Color
RYB	136, 214, 156
Decimal	12768904
CIELab	82.56, -19.23, 36.33
CIELCh	83, 41.104, 117.890
Yxy	61.3400, 0.3510, 0.4244
Android (android.graphics.Color)	4290958984 (0xFFC2D688)
YUV	199.1280, -31.1221, -4.4973
Hunter-Lab	78.3199, -21.4206, 30.2523

Details

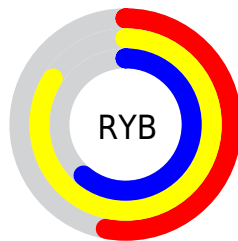
The XYZ color **50.7386, 61.3400, 32.4582** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.6545, 29.5330, 67.4957**, and the grayscale version is **54.5447, 57.3853, 62.4925**.

A 20% lighter version of the original color is **84.8379, 95.7469, 62.7248**, and **24.6853, 30.9411, 13.2655** is the 20% darker color. If you saturate the color by 10%, you get **47.9848, 60.0809, 25.1675**, and if you desaturate by 10%, it is **53.8512, 62.7529, 41.3532**.

Distribution



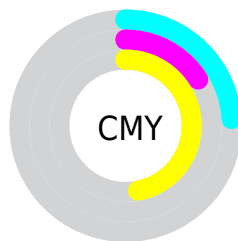
- Red (76%)
- Green (84%)
- Blue (53%)



- Red (53%)
- Yellow (84%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7386, 61.3400, 32.4582 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 50.7386, 61.3400, 32.4582 by changing the saturation by 10% instead.


 50.7386, 61.3400,
32.4582


 50.7386, 61.3400,
32.4582


379.9518,
429.5195, 327.7581


 36.2208, 44.4996,
21.4440


 90.4536, 106.7711,
64.6349

 24.7757, 31.0635,
13.2545


 116.3814,
136.1306, 86.6346

 16.0378, 20.6472,
7.4713


 146.8434,
170.4319, 113.1331

 9.6420, 12.8664,
3.6757

182.2048,
210.0594, 144.5491

 5.2227, 7.3366,
1.4492

222.8310,
255.3975, 181.3010

 2.4146, 3.6735,
0.1796

269.0873,

 0.8524, 1.4926,

306.8307, 223.8075

0.0000

321.3391,
364.7432, 272.4870

■ 0.0000, 0.2835,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7386, 61.3400,
32.4582

■ 50.7386, 61.3400,
32.4582

■ 47.9848, 60.0809,
25.1675

■ 53.8512, 62.7529,
41.3532

■ 45.5665, 58.9597,
19.3815


■ 57.3352, 64.3183,
51.9365


■ 43.4646, 57.9710,
14.9956


■ 61.2082, 66.0455,
64.2907

■ 41.6556, 57.1054,
11.8901


■ 65.4851, 67.9404,
78.4920


 40.1127, 56.3518,
9.9252


 70.1800, 70.0088,
94.6122


 38.8014, 55.6966,
8.9237

 73.7547, 71.6354,
104.5475

 38.3698, 55.4789,
8.6862

 75.5130, 72.5419,
104.6298

 77.3269, 73.4770,
104.7146

 79.1971, 74.4411,
104.8022

Harmonies

Analogous

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



58.9270, 61.3400, 29.1202



50.7386, 61.3400, 32.4582



45.1104, 61.3400, 44.1977

Triad

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



50.7386, 61.3400, 32.4582



49.7614, 61.3400, 116.8257



76.9008, 61.3400, 68.5889

Complementary

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



50.7386, 61.3400, 32.4582



34.6545, 29.5330, 67.4957

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.



73.8427, 61.3400, 96.0042



50.7386, 61.3400, 32.4582



57.6811, 61.3400, 127.8716

Square

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



50.7386, 61.3400, 32.4582



44.5874, 61.3400, 92.1219



66.5816, 61.3400, 119.4349



74.5743, 61.3400, 46.5862

Rectangle

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



50.7386, 61.3400, 32.4582



43.2716, 61.3400, 57.1288



66.5816, 61.3400, 119.4349



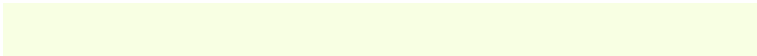
76.4626, 61.3400, 77.4807

Sweetspot

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



50.7401, 61.3427, 32.4595



88.2609, 96.9843, 86.7049



43.9824, 39.6851, 28.6353



18.7233, 20.6836, 18.0228



0.0000, 0.0000, 0.0000



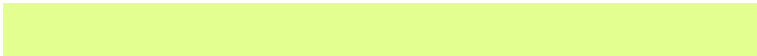
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7401, 61.3427, 32.4595



72.1373, 89.7022, 39.4195



42.1063, 56.8918, 32.0555



13.1475, 14.3522, 13.2380



23.2919, 33.5837, 5.2547



1.4796, 2.0641, 0.3204

Inverse Universe

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



34.6545, 29.5330, 67.4957



44.7627, 35.5276, 99.1060



43.3206, 34.0005, 67.9013



12.0382, 12.1611, 15.6504



8.3673, 3.4660, 38.6812



0.5821, 0.2490, 2.3367

Previews

White Background



This preview shows how the XYZ color 50.7386, 61.3400, 32.4582 looks on a white background.

Color Contrast Check

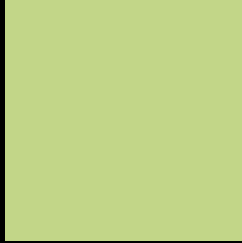
Large Text (above 18pt) WCAG AA × Fail

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 50.7386, 61.3400, 32.4582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

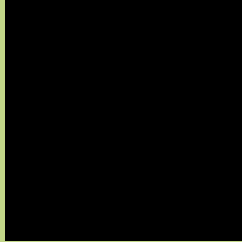
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7386, 61.3400, 32.4582

Background



This preview shows how black text looks on a background with the XYZ color 50.7386, 61.3400, 32.4582.



This preview shows how white text looks on a background with the XYZ color 50.7386, 61.3400,

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

50.7386, 61.3400, 32.4582

Protanopia

56.4276, 61.0166, 30.6331

Deuteranopia

62.1297, 60.7858, 33.2692



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

50.7386, 61.3400, 32.4582

Protanomaly

53.9409, 60.8023, 31.0833

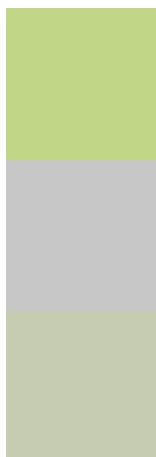
Deuteranomaly

57.3802, 60.7447, 33.1267

Tritanomaly

55.8286, 61.2034, 57.0151

Monochromacy



Original Color

50.7386, 61.3400, 32.4582

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.4553, 58.1906, 49.5415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7386, 61.3400, 32.4582 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(194, 214, 136)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 136)  
}
```

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(194, 214, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 136) }
```

Border

The CSS property to change the border of an element to XYZ 50.7386, 61.3400, 32.4582 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(194, 214, 136) }
```


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

```
.border{ border-color:rgb(194, 214, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 136);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7386, 61.3400, 32.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 136) }
```

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

```
.background{ background-color: rgb(194,  
214, 136) }
```

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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