

Converting Colors

XYZ(50.3362, 62.7476, 29.6825)

Have a look what the booklet for
XYZ(50.3362, 62.7476, 29.6825)
contains.

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Color

**XYZ(50.3880, 62.7515,
29.5352)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDA7F
RGB	191, 218, 127
RGB Percent	75%, 85%, 50%
CMY	0.2510, 0.1451, 0.5020
CMYK	0.12, 0.00, 0.42, 0.15
HSL	78°, 55%, 68%
HSV	78°, 42%, 85%
XYZ	50.3880, 62.7515, 29.5352
YIQ	199.5530, 13.1190, -34.0250

Conversions

Conversions Part 2

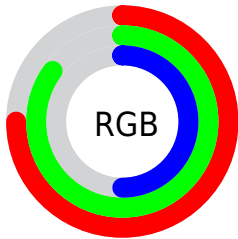
Format	Color
RYB	127, 218, 154
Decimal	12573311
CIELab	83.31, -23.40, 41.76
CIELCh	83, 47.869, 119.262
Yxy	62.7515, 0.3532, 0.4398
Android (android.graphics.Color)	4290763391 (0xFFBFDA7F)
YUV	199.5530, -35.7686, -7.5010
Hunter-Lab	79.2158, -25.0866, 33.3451

Details

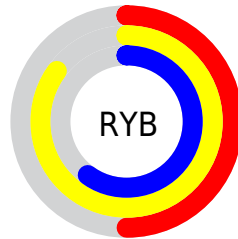
The XYZ color **50.3880, 62.7515, 29.5352** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **33.5732, 27.1125, 69.7970**, and the grayscale version is **54.8334, 57.6890, 62.8233**.

A 20% lighter version of the original color is **82.8119, 94.8127, 57.6521**, and **24.5550, 31.9504, 11.7103** is the 20% darker color. If you saturate the color by 10%, you get **47.5275, 61.4256, 22.7705**, and if you desaturate by 10%, it is **53.6309, 64.2430, 37.9249**.

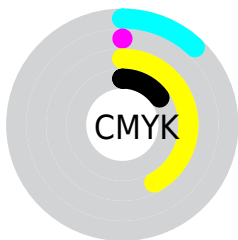
Distribution



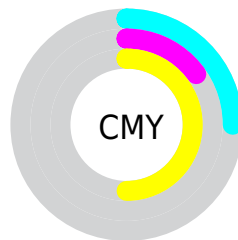
- Red (75%)
- Green (85%)
- Blue (50%)



- Red (50%)
- Yellow (85%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3880, 62.7515, 29.5352 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 50.3880, 62.7515, 29.5352 by changing the saturation by 10% instead.

■ 50.3880, 62.7515,
29.5352

■ 50.3880, 62.7515,
29.5352

378.6083,
434.6671, 313.8715

■ 35.9408, 45.6402,
19.2370

■ 89.9379, 108.8109,
59.9786

■ 24.5584, 31.9620,
11.6631

■ 115.7713,
138.5278, 80.9610

■ 15.8753, 21.3325,
6.3950

■ 146.1309,
173.2154, 106.3417

■ 9.5263, 13.3672,
3.0141

181.3820,
213.2581, 136.5395

■ 5.1459, 7.6819,
1.1018

221.8899,
259.0401, 171.9728

■ 2.3687, 3.8921,
0.0000

268.0200,

■ 0.8295, 1.6134,

310.9461, 213.0602

0.0000

320.1377,
369.3603, 260.2203

■ 0.0000, 0.3666,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.3880, 62.7515,
29.5352

■ 50.3880, 62.7515,
29.5352

■ 47.5275, 61.4256,
22.7705

■ 53.6309, 64.2430,
37.9249

■ 45.0238, 60.2485,
17.5213


■ 57.2708, 65.8994,
48.0317


■ 42.8552, 59.2135,
13.6709


■ 61.3268, 67.7309,
59.9454


■ 40.9949, 58.3099,
11.0840

■ 65.8154, 69.7440,
73.7486

 39.4113, 57.5247,
9.5985


 70.7523, 71.9451,
89.5186

 38.2685, 56.9482,
8.9751

 75.6970, 74.1582,
104.9320

 77.8098, 75.2474,
105.0309

 80.0004, 76.3767,
105.1334

 82.2698, 77.5466,
105.2396

Harmonies

Analogous

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



59.9017, 62.7515, 25.5514



50.3880, 62.7515, 29.5352



44.0456, 62.7515, 43.0223

Triad

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



50.3880, 62.7515, 29.5352



49.9899, 62.7515, 130.3617



81.9711, 62.7515, 69.0669

Complementary

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



50.3880, 62.7515, 29.5352



33.5732, 27.1125, 69.7970

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.



78.5471, 62.7515, 101.9994



50.3880, 62.7515, 29.5352



59.3859, 62.7515, 143.1347

Square

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



50.3880, 62.7515, 29.5352



43.8353, 62.7515, 100.3375



69.9680, 62.7515, 131.5012



78.8574, 62.7515, 43.9690

Rectangle

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



50.3880, 62.7515, 29.5352



42.0657, 62.7515, 58.1950



69.9680, 62.7515, 131.5012



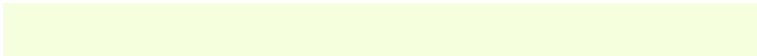
81.5408, 62.7515, 79.5688

Sweetspot

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



50.3895, 62.7543, 29.5365



86.6377, 96.2276, 83.0094



44.1023, 39.1513, 25.3121



18.2611, 20.4691, 16.9260



0.0000, 0.0000, 0.0000



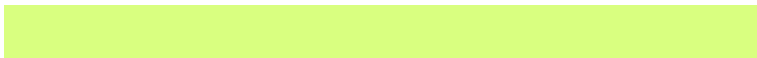
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3895, 62.7543, 29.5365



68.2875, 87.8422, 33.6061



40.8862, 57.8551, 29.0918



13.7664, 15.0598, 13.9068



23.0383, 34.1742, 5.3820



1.5775, 2.2577, 0.3526

Inverse Universe

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



33.5732, 27.1125, 69.7970



41.2912, 30.5636, 98.3308



43.6100, 32.2866, 70.2667



12.7001, 12.8035, 16.4541



8.9700, 3.7484, 39.9891



0.6665, 0.2868, 2.5947

Previews

White Background



This preview shows how the XYZ color 50.3880, 62.7515, 29.5352 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 50.3880, 62.7515, 29.5352 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 50.3880, 62.7515, 29.5352

Background



This preview shows how black text looks on a background with the XYZ color 50.3880, 62.7515, 29.5352.



This preview shows how white text looks on a background with the XYZ color 50.3880, 62.7515,

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

50.3880, 62.7515, 29.5352

Protanopia

57.5665, 62.3866, 27.7466

Deuteranopia

63.7833, 62.3781, 30.5082



Tritanopia

60.2607, 62.6499, 78.7286

Trichromacy



Original Color

50.3880, 62.7515, 29.5352

Protanomaly

54.6639, 62.3399, 28.2205

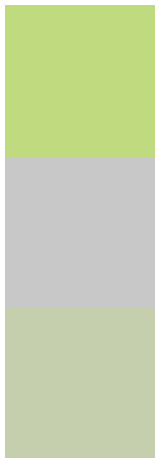
Deuteranomaly

58.1737, 61.9324, 30.0072

Tritanomaly

55.9246, 62.3615, 56.6664

Monochromacy



Original Color

50.3880, 62.7515, 29.5352

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

52.8816, 59.5131, 48.2352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3880, 62.7515, 29.5352 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(191, 218, 127)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 127)  
}
```

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(191, 218, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 127) }
```

Border

The CSS property to change the border of an element to XYZ 50.3880, 62.7515, 29.5352 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(191, 218, 127) }
```


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

```
.border{ border-color:rgb(191, 218, 127) }
```

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

Here you see how a box with a 4 pixel rgb(191, 218, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 127);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3880, 62.7515, 29.5352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 127) }
```

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

```
.background{ background-color: rgb(191,  
218, 127) }
```

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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