

Converting Colors

XYZ(47.7890, 60.7299, 30.2360)

Have a look what the booklet for
XYZ(47.7890, 60.7299, 30.2360)
contains.

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Color

**XYZ(47.6412, 60.5472,
30.2949)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B5D882 |
| RGB | 181, 216, 130 |
| RGB Percent | 71%, 85%, 51% |
| CMY | 0.2902, 0.1529, 0.4902 |
| CMYK | 0.16, 0.00, 0.40, 0.15 |
| HSL | 84°, 52%, 68% |
| HSV | 84°, 40%, 85% |
| XYZ | 47.6412, 60.5472, 30.2949 |
| YIQ | 195.7310, 6.7460, -34.1660 |

Conversions

Conversions Part 2

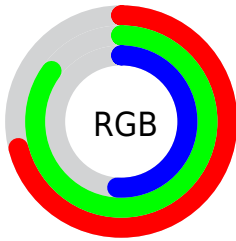
| Format | Color |
|-------------------------------------|--|
| RYB | 130, 216, 165 |
| Decimal | 11917442 |
| CIELab | 82.13, -25.82, 38.63 |
| CIELCh | 82, 46.463, 123.755 |
| Yxy | 60.5472, 0.3440, 0.4372 |
| Android (android.graphics.Color) | 4290107522 (0xFFB5D882) |
| YUV | 195.7310, -32.4054, -12.9191 |
| Hunter-Lab | 77.8121, -26.8828, 31.3848 |

Details

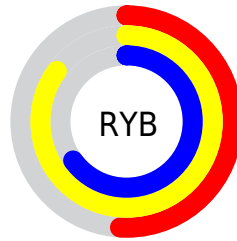
The XYZ color **47.6412, 60.5472, 30.2949** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **35.8968, 28.9241, 68.6601**, and the grayscale version is **52.4947, 55.2285, 60.1438**.

A 20% lighter version of the original color is **79.6716, 93.1578, 59.1295**, and **22.9085, 30.5663, 12.0896** is the 20% darker color. If you saturate the color by 10%, you get **44.3444, 58.9999, 23.3507**, and if you desaturate by 10%, it is **51.3755, 62.2887, 38.8507**.

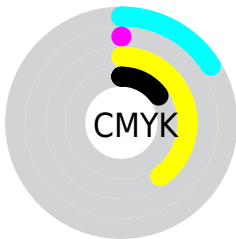
Distribution



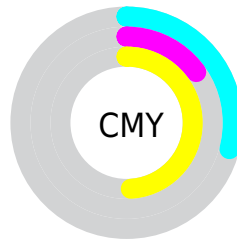
- Red (71%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (40%)
- Black (15%)




- Cyan (29%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6412, 60.5472, 30.2949 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 47.6412, 60.5472, 30.2949 by changing the saturation by 10% instead.


 47.6412, 60.5472,
30.2949


 47.6412, 60.5472,
30.2949


367.9745,
426.6118, 317.5266


 33.7529, 43.8598,
19.8086


 85.8829, 105.6230,
61.1947

 22.8658, 30.5603,
12.0733


 110.9670,
134.7803, 82.4453

 14.6146, 20.2643,
6.6705


 140.5137,
168.8630, 108.1211

 8.6339, 12.5873,
3.1816

174.8884,
208.2556, 138.6406

 4.5584, 7.1450,
1.1881

214.4565,
253.3423, 174.4224

 2.0226, 3.5529,
0.0000

259.5833,

 0.6466, 1.4268,

304.5077, 215.8850

0.0000

310.6342,
362.1360, 263.4469

■ 0.0000, 0.2363,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.6412, 60.5472,
30.2949

■ 47.6412, 60.5472,
30.2949

■ 44.3444, 58.9999,
23.3507

■ 51.3755, 62.2887,
38.8507

■ 41.4591, 57.6298,
17.9129


■ 55.5626, 64.2246,
49.1066


■ 38.9628, 56.4298,
13.8701


■ 60.2226, 66.3652,
61.1493


■ 36.8287, 55.3889,
11.0937


■ 65.3726, 68.7176,
75.0585


 35.0253, 54.4941,
9.4314


 71.0292, 71.2887,
90.9092


 33.4990, 53.7237,
8.6156

 76.4572, 73.7846,
104.8199

 33.4723, 53.7102,
8.6029

 79.4118, 75.3078,
104.9581

 82.5115, 76.9058,
105.1032

 83.8471, 77.5943,
105.1657

Harmonies

Analogous

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



56.3154, 60.5472, 25.2247



47.6412, 60.5472, 30.2949



42.1600, 60.5472, 44.7067

Triad

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



47.6412, 60.5472, 30.2949



49.5629, 60.5472, 127.6211



78.6216, 60.5472, 62.4326

Complementary

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



47.6412, 60.5472, 30.2949



35.8968, 28.9241, 68.6601

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.



76.2881, 60.5472, 92.9777



47.6412, 60.5472, 30.2949



58.7991, 60.5472, 136.3276

Square

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



47.6412, 60.5472, 30.2949



43.1773, 60.5472, 100.9420



68.7416, 60.5472, 122.1761



74.7993, 60.5472, 40.1185

Rectangle

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



47.6412, 60.5472, 30.2949



40.6803, 60.5472, 60.1920



68.7416, 60.5472, 122.1761



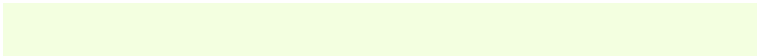
78.5331, 60.5472, 72.0122

Sweetspot

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



47.6427, 60.5499, 30.2962



86.0743, 95.8974, 84.7792



45.6976, 42.9070, 26.9933



18.2279, 20.4363, 17.6360



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.



47.6427, 60.5499, 30.2962



65.1928, 86.2073, 35.2493



39.1678, 56.1809, 29.8996



12.9613, 14.2562, 13.2293



19.9363, 31.8539, 5.0977



1.2952, 1.9691, 0.3118

Inverse Universe

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



35.8968, 28.9241, 68.6601



45.7734, 33.8819, 98.7351



46.2236, 34.2478, 69.1434



12.2164, 12.2530, 15.6587



9.8291, 4.2196, 38.7496



0.6854, 0.3022, 2.3415

Previews

White Background



This preview shows how the XYZ color 47.6412, 60.5472, 30.2949 looks on a white background.

Color Contrast Check

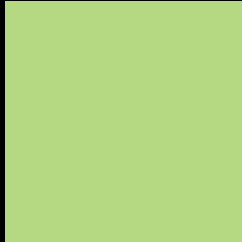
Large Text (above 18pt) WCAG AA × Fail

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 47.6412, 60.5472, 30.2949 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

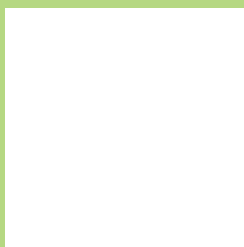
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6412, 60.5472, 30.2949

Background



This preview shows how black text looks on a background with the XYZ color 47.6412, 60.5472, 30.2949.

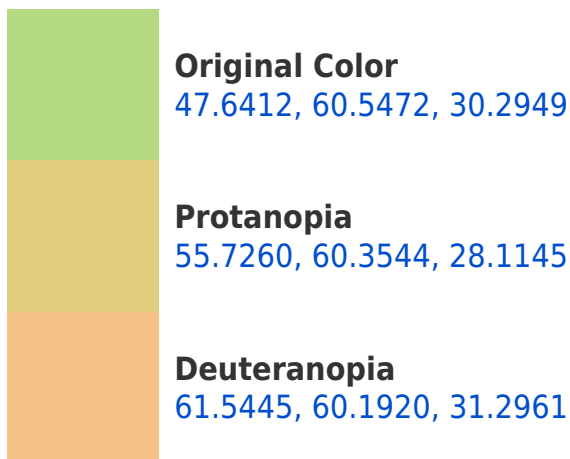


This preview shows how white text looks on a background with the XYZ color 47.6412, 60.5472,

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





Tritanopia

57.1306, 60.3524, 77.0447

Trichromacy



Original Color

47.6412, 60.5472, 30.2949

Protanomaly

52.3991, 60.0540, 28.9085

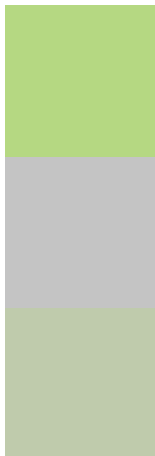
Deuteranomaly

55.7138, 59.9349, 30.8225

Tritanomaly

52.8638, 60.0506, 56.3817

Monochromacy



Original Color

47.6412, 60.5472, 30.2949

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.2882, 56.7668, 47.3363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6412, 60.5472, 30.2949 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(181, 216, 130)` looks like.

```
.text, #text, p{  
    color:rgb(181, 216, 130)  
}
```

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(181, 216, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 216, 130) }
```

Border

The CSS property to change the border of an element to XYZ 47.6412, 60.5472, 30.2949 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(181, 216, 130) }
```


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

```
.border{ border-color:rgb(181, 216, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 216, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 216, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 216, 130);  
box-shadow:4px 4px 4px 4px rgb(181, 216,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6412, 60.5472, 30.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 216, 130) }
```

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

```
.background{ background-color: rgb(181,  
216, 130) }
```

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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