

Converting Colors

XYZ(48.6482, 60.6685, 30.1219)

Have a look what the booklet for
XYZ(48.6482, 60.6685, 30.1219)
contains.

XYZ(48.5794, 60.6517, 30.2656)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.5794, 60.6517,
30.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD782
RGB	186, 215, 130
RGB Percent	73%, 84%, 51%
CMY	0.2706, 0.1568, 0.4902
CMYK	0.13, 0.00, 0.40, 0.16
HSL	80°, 52%, 68%
HSV	80°, 40%, 84%
XYZ	48.5794, 60.6517, 30.2656
YIQ	196.6390, 10.0010, -32.5830

Conversions

Conversions Part 2

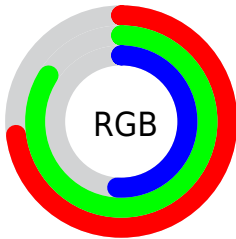
Format	Color
RYB	130, 215, 159
Decimal	12244866
CIELab	82.19, -23.47, 38.77
CIELCh	82, 45.321, 121.189
Yxy	60.6517, 0.3482, 0.4348
Android (android.graphics.Color)	4290434946 (0xFFBAD782)
YUV	196.6390, -32.8530, -9.3304
Hunter-Lab	77.8792, -24.9441, 31.4740

Details

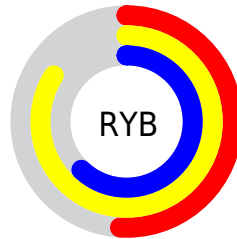
The XYZ color **48.5794, 60.6517, 30.2656** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **34.5489, 28.2441, 67.9242**, and the grayscale version is **53.0421, 55.8044, 60.7710**.

A 20% lighter version of the original color is **81.3739, 94.0354, 59.2092**, and **23.3422, 30.5314, 12.0600** is the 20% darker color. If you saturate the color by 10%, you get **45.5481, 59.2406, 23.3617**, and if you desaturate by 10%, it is **52.0068, 62.2360, 38.7644**.

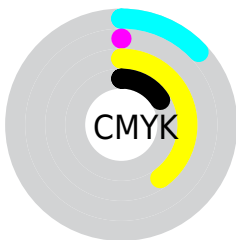
Distribution



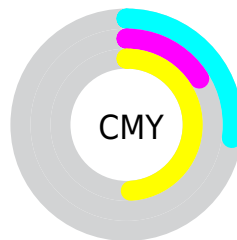
- Red (73%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5794, 60.6517, 30.2656 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 48.5794, 60.6517, 30.2656 by changing the saturation by 10% instead.

■ 48.5794, 60.6517,
30.2656

■ 48.5794, 60.6517,
30.2656

371.6286,
426.9958, 317.3863

■ 34.4991, 43.9441,
19.7865

■ 87.2709, 105.7745,
61.1479

■ 23.4420, 30.6266,
12.0574

■ 112.6129,
134.9585, 82.3882

■ 15.0427, 20.3147,
6.6598

■ 142.4394,
169.0700, 108.0527

■ 8.9359, 12.6240,
3.1751

177.1160,
208.4936, 138.5599

■ 4.7561, 7.1701,
1.1847

217.0078,
253.6136, 174.3283

■ 2.1382, 3.5687,
0.0000

262.4803,

■ 0.7098, 1.4354,

304.8143, 215.7764

0.0000

313.8988,
362.4803, 263.3229

■ 0.0000, 0.2426,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5794, 60.6517,
30.2656

■ 48.5794, 60.6517,
30.2656

■ 45.5481, 59.2406,
23.3617

■ 52.0068, 62.2360,
38.7644

■ 42.8881, 57.9863,
17.9492

■ 55.8445, 63.9930,
48.9454

■ 40.5784, 56.8825,
13.9181

■ 60.1112, 65.9325,
60.8942

■ 38.5936, 55.9187,
11.1422

■ 64.8231, 68.0611,
74.6893

■ 36.9039, 55.0829,
9.4716

■ 69.9954, 70.3851,
90.4046

■ 35.4593, 54.3548,
8.6513

■ 74.9910, 72.6496,
104.6781

■ 35.3955, 54.3225,
8.6198

■ 77.3956, 73.8893,
104.7906

■ 79.9006, 75.1806,
104.9078

■ 82.5070, 76.5243,
105.0298

Harmonies

Analogous

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



57.2642, 60.6517, 25.9399



48.5794, 60.6517, 30.2656



42.8960, 60.6517, 43.6354

Triad

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



48.5794, 60.6517, 30.2656



49.1756, 60.6517, 124.2637



78.2154, 60.6517, 64.9451

Complementary

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



48.5794, 60.6517, 30.2656



34.5489, 28.2441, 67.9242

Split Complementary

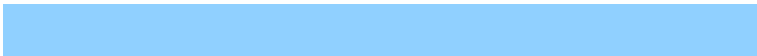
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4442, 60.6517, 95.0384



48.5794, 60.6517, 30.2656



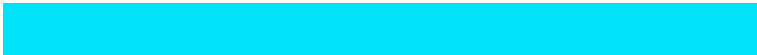
58.0327, 60.6517, 134.5227

Square

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



48.5794, 60.6517, 30.2656



43.2123, 60.6517, 97.4886



67.7795, 60.6517, 122.5940



74.9854, 60.6517, 42.2055

Rectangle

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



48.5794, 60.6517, 30.2656



41.2155, 60.6517, 58.2439



67.7795, 60.6517, 122.5940



77.9527, 60.6517, 74.5012

Sweetspot

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



48.5809, 60.6544, 30.2669



86.7712, 96.2567, 84.8118



44.3396, 40.6283, 26.6250



18.3922, 20.5210, 17.6437



0.0000, 0.0000, 0.0000



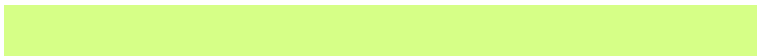
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5809, 60.6544, 30.2669



67.9058, 87.5853, 36.3037



39.8624, 56.1598, 29.8589



13.0422, 14.2980, 13.2331



21.2871, 32.5502, 5.1609



1.3709, 2.0081, 0.3154

Inverse Universe

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



34.5489, 28.2441, 67.9242



44.6497, 33.8253, 98.7834



44.2932, 33.2675, 68.3802



12.1381, 12.2126, 15.6550



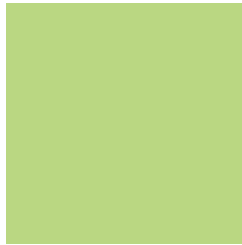
9.0987, 3.8431, 38.7154



0.6361, 0.2768, 2.3392

Previews

White Background



This preview shows how the XYZ color 48.5794, 60.6517, 30.2656 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 48.5794, 60.6517, 30.2656 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

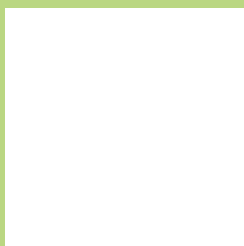
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5794, 60.6517, 30.2656

Background



This preview shows how black text looks on a background with the XYZ color 48.5794, 60.6517, 30.2656.



This preview shows how white text looks on a background with the XYZ color 48.5794, 60.6517,

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

48.5794, 60.6517, 30.2656

Protanopia

55.7902, 60.3801, 28.4527

Deuteranopia

61.4744, 60.1639, 30.9270



Tritanopia

57.7998, 60.3588, 76.3142

Trichromacy



Original Color

48.5794, 60.6517, 30.2656

Protanomaly

52.9650, 60.3457, 28.9350

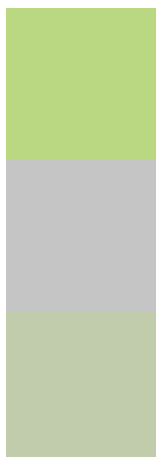
Deuteranomaly

56.0946, 59.7818, 30.7728

Tritanomaly

53.7736, 60.1689, 55.7933

Monochromacy



Original Color

48.5794, 60.6517, 30.2656

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.1280, 57.5403, 47.9468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5794, 60.6517, 30.2656 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(186, 215, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 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(186, 215, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 130) }
```

Border

The CSS property to change the border of an element to XYZ 48.5794, 60.6517, 30.2656 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(186, 215, 130) }
```


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

```
.border{ border-color:rgb(186, 215, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5794, 60.6517, 30.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 130) }
```

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

```
.background{ background-color: rgb(186,  
215, 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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