

Converting Colors

XYZ(48.8001, 61.1369, 34.3455)

Have a look what the booklet for
XYZ(48.8001, 61.1369, 34.3455)
contains.

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Color

**XYZ(48.6550, 60.9799,
34.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D88D
RGB	182, 216, 141
RGB Percent	71%, 85%, 55%
CMY	0.2863, 0.1529, 0.4471
CMYK	0.16, 0.00, 0.35, 0.15
HSL	87°, 49%, 70%
HSV	87°, 35%, 85%
XYZ	48.6550, 60.9799, 34.4052
YIQ	197.2840, 3.8110, -30.5330

Conversions

Conversions Part 2

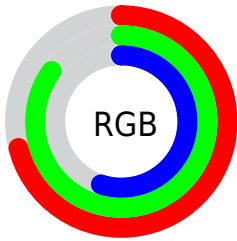
Format	Color
RYB	141, 216, 175
Decimal	11982989
CIELab	82.37, -24.02, 33.38
CIElCh	82, 41.124, 125.746
Yxy	60.9799, 0.3378, 0.4234
Android (android.graphics.Color)	4290173069 (0xFFB6D88D)
YUV	197.2840, -27.7480, -13.4041
Hunter-Lab	78.0896, -25.4396, 28.5404

Details

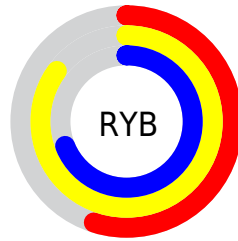
The XYZ color **48.6550, 60.9799, 34.4052** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.6012, 33.1233, 69.2753**, and the grayscale version is **53.4048, 56.1860, 61.1866**.

A 20% lighter version of the original color is **81.2069, 93.8109, 65.4570**, and **23.4924, 30.8171, 14.3830** is the 20% darker color. If you saturate the color by 10%, you get **44.9699, 59.2500, 26.6458**, and if you desaturate by 10%, it is **52.8185, 62.9239, 43.8257**.

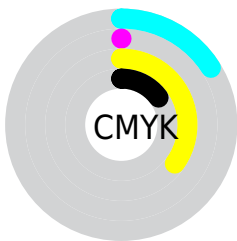
Distribution



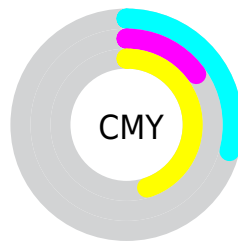
- Red (71%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)





- Cyan (29%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6550, 60.9799, 34.4052 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 48.6550, 60.9799, 34.4052 by changing the saturation by 10% instead.


 48.6550, 60.9799,
34.4052


 48.6550, 60.9799,
34.4052


371.9221,
428.2003, 336.7592


 34.5593, 44.2089,
22.9252


 87.3826, 106.2498,
67.7044

 23.4885, 30.8348,
14.3335


 112.7453,
135.5176, 90.3606

 15.0773, 20.4731,
8.2116


 142.5943,
169.7198, 117.5793

 8.9603, 12.7394,
4.1409

177.2950,
209.2407, 149.7791

 4.7722, 7.2493,
1.7030

217.2128,
254.4649, 187.3784

 2.1476, 3.6185,
0.3628

262.7130,

 0.7149, 1.4625,

305.7766, 230.7959

0.0000

314.1610,
363.5602, 280.4499

■ 0.0000, 0.2621,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.6550, 60.9799,
34.4052

■ 48.6550, 60.9799,
34.4052

■ 44.9699, 59.2500,
26.6458

■ 52.8185, 62.9239,
43.8257

■ 41.7369, 57.7172,
20.4469


■ 57.4756, 65.0825,
54.9921


■ 38.9341, 56.3744,
15.7034


■ 62.6468, 67.4660,
67.9880

■ 36.5351, 55.2106,
12.2955


■ 68.3497, 70.0820,
82.8907


 34.5100, 54.2134,
10.0842


 74.6009, 72.9374,
99.7728

 32.8229, 53.3682,
8.9000

 78.8007, 74.9927,
104.9295

 32.0383, 52.9710,
8.5358

 82.2298, 76.7605,
105.0900

 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.



56.2873, 60.9799, 29.0021



48.6550, 60.9799, 34.4052



43.9031, 60.9799, 48.4673

Triad

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



48.6550, 60.9799, 34.4052



51.3043, 60.9799, 120.8852



76.4108, 60.9799, 61.6772

Complementary

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



48.6550, 60.9799, 34.4052



39.6012, 33.1233, 69.2753

Split Complementary

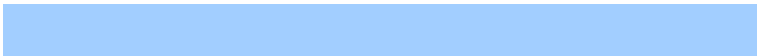
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7354, 60.9799, 88.2785



48.6550, 60.9799, 34.4052



59.6646, 60.9799, 126.9792

Square

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



48.6550, 60.9799, 34.4052



45.3213, 60.9799, 98.7986



68.3806, 60.9799, 113.8171



72.7528, 60.9799, 41.9888

Rectangle

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



48.6550, 60.9799, 34.4052



42.7157, 60.9799, 62.8784



68.3806, 60.9799, 113.8171



76.4568, 60.9799, 70.0439

Sweetspot

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



48.6565, 60.9826, 34.4065



87.0866, 96.3380, 88.5004



48.4103, 47.0869, 31.7374



18.4140, 20.5160, 18.3771



0.0000, 0.0000, 0.0000



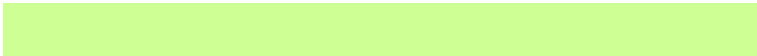
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6565, 60.9826, 34.4065



66.6743, 86.8403, 41.2232



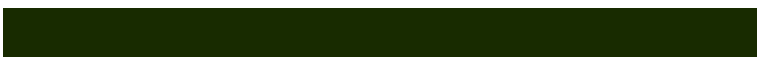
40.9985, 57.0347, 34.0481



12.9047, 14.2271, 13.2267



19.0884, 31.4168, 5.0580



1.2462, 1.9438, 0.3095

Inverse Universe

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



39.6012, 33.1233, 69.2753



51.5081, 40.1655, 99.6457



49.1454, 38.0435, 69.7220



12.2720, 12.2816, 15.6613



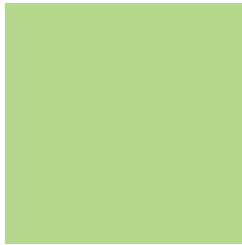
10.4342, 4.5315, 38.7779



0.7240, 0.3221, 2.3433

Previews

White Background



This preview shows how the XYZ color 48.6550, 60.9799, 34.4052 looks on a white background.

Color Contrast Check

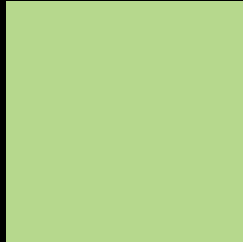
Large Text (above 18pt) WCAG AA × Fail

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 48.6550, 60.9799, 34.4052 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 48.6550, 60.9799, 34.4052

Background



This preview shows how black text looks on a background with the XYZ color 48.6550, 60.9799, 34.4052.



This preview shows how white text looks on a background with the XYZ color 48.6550, 60.9799,

34.4052.

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

48.6550, 60.9799, 34.4052

Protanopia

56.1610, 60.4929, 32.0088

Deuteranopia

61.8129, 60.5789, 35.2231



Tritanopia

57.5043, 60.8859, 77.8286

Trichromacy



Original Color

48.6550, 60.9799, 34.4052

Protanomaly

52.8754, 60.2121, 32.8800

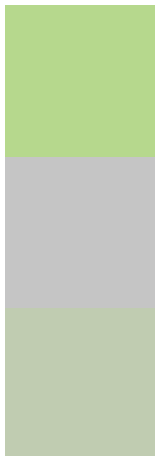
Deuteranomaly

56.2088, 60.0976, 35.0230

Tritanomaly

53.9074, 60.8906, 59.3639

Monochromacy



Original Color

48.6550, 60.9799, 34.4052

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.2669, 57.5665, 50.0044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6550, 60.9799, 34.4052 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(182, 216, 141)` looks like.

```
.text, #text, p{  
    color:rgb(182, 216, 141)  
}
```

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(182, 216, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 216, 141) }
```

Border

The CSS property to change the border of an element to XYZ 48.6550, 60.9799, 34.4052 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(182, 216, 141) }
```


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

```
.border{ border-color:rgb(182, 216, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 216, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 216, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 216, 141);  
box-shadow:4px 4px 4px 4px rgb(182, 216,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6550, 60.9799, 34.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 216, 141) }
```

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

```
.background{ background-color: rgb(182,  
216, 141) }
```

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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