

Converting Colors

XYZ(48.4340, 59.6788, 37.4502)

Have a look what the booklet for
XYZ(48.4340, 59.6788, 37.4502)
contains.

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Color

**XYZ(48.5105, 59.7035,
37.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D595
RGB	182, 213, 149
RGB Percent	71%, 84%, 58%
CMY	0.2863, 0.1647, 0.4157
CMYK	0.15, 0.00, 0.30, 0.16
HSL	89°, 43%, 71%
HSV	89°, 30%, 84%
XYZ	48.5105, 59.7035, 37.4009
YIQ	196.4350, 2.0680, -26.4760

Conversions

Conversions Part 2

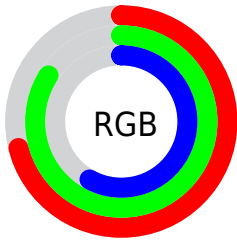
Format	Color
RYB	149, 213, 180
Decimal	11982229
CIELab	81.68, -21.44, 28.34
CIELCh	82, 35.538, 127.110
Yxy	59.7035, 0.3331, 0.4100
Android (android.graphics.Color)	4290172309 (0xFFB6D595)
YUV	196.4350, -23.3855, -12.6595
Hunter-Lab	77.2680, -23.1530, 25.3888

Details

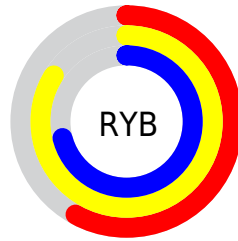
The XYZ color **48.5105, 59.7035, 37.4009** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.5824, 36.0039, 67.7118**, and the grayscale version is **52.8673, 55.6205, 60.5707**.

A 20% lighter version of the original color is **82.2557, 94.2304, 70.9797**, and **23.3336, 29.9248, 16.1015** is the 20% darker color. If you saturate the color by 10%, you get **44.6158, 57.8764, 29.1390**, and if you desaturate by 10%, it is **52.8989, 61.7528, 47.3118**.

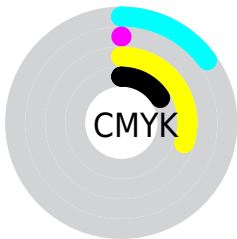
Distribution



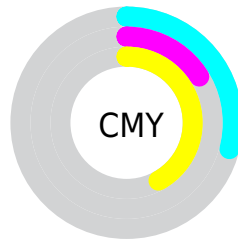
- Red (71%)
- Green (84%)
- Blue (58%)



- Red (58%)
- Yellow (84%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5105, 59.7035, 37.4009 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 48.5105, 59.7035, 37.4009 by changing the saturation by 10% instead.


 48.5105, 59.7035,
37.4009


 48.5105, 59.7035,
37.4009


371.3611,
423.5040, 350.2638

 34.4443, 43.1797,
25.2198


 87.1691, 104.3994,
72.3821

 23.3996, 30.0261,
16.0204


 112.4922,
133.3404, 96.0194

 15.0112, 19.8584,
9.3841


142.2983,
167.1891, 124.3125

 8.9136, 12.2922,
4.8923

176.9527,
206.3301, 157.6799

 4.7415, 6.9430,
2.1266

216.8209,
251.1476, 196.5402

 2.1296, 3.4265,
0.6315

262.2681,

 0.7052, 1.3582,

302.0262, 241.3119

0.0000

313.6597,
359.3502, 292.4136

■ 0.0000, 0.1856,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5105, 59.7035,
37.4009

■ 48.5105, 59.7035,
37.4009

■ 44.6158, 57.8764,
29.1390

■ 52.8989, 61.7528,
47.3118

■ 41.1893, 56.2549,
22.4326

■ 57.7959, 64.0248,
58.9507

■ 38.2102, 54.8321,
17.1851

■ 63.2212, 66.5296,
72.3960

■ 35.6534, 53.5977,
13.2870

■ 69.1920, 69.2747,
87.7202

■ 33.4912, 52.5400,
10.6137

■ 75.6435, 72.2344,
104.5635

■ 31.6910, 51.6454,
9.0175

■ 79.1227, 74.0281,
104.7264

■ 30.2037, 50.8945,
8.2317

■ 82.8024, 75.9250,
104.8986

■ 83.0855, 76.0709,
104.9118

Harmonies

Analogous

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



54.9863, 59.7035, 32.1241



48.5105, 59.7035, 37.4009



44.5110, 59.7035, 50.2776

Triad

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



48.5105, 59.7035, 37.4009



51.3386, 59.7035, 110.7682



72.2333, 59.7035, 60.0450

Complementary

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



48.5105, 59.7035, 37.4009



41.5824, 36.0039, 67.7118

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.



71.0406, 59.7035, 82.3641



48.5105, 59.7035, 37.4009



58.5436, 59.7035, 114.9925

Square

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



48.5105, 59.7035, 37.4009



46.0409, 59.7035, 93.1325



65.8654, 59.7035, 103.6591



68.9946, 59.7035, 43.2041

Rectangle

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



48.5105, 59.7035, 37.4009



43.5708, 59.7035, 62.9541



65.8654, 59.7035, 103.6591



72.3417, 59.7035, 67.1040

Sweetspot

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



48.5120, 59.7061, 37.4022



87.6001, 96.5611, 90.4023



49.1754, 48.9338, 35.2880



18.5056, 20.5549, 18.7555



0.0000, 0.0000, 0.0000



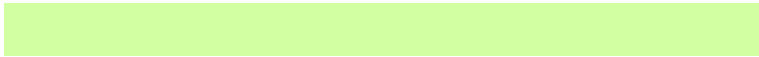
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5120, 59.7061, 37.4022



69.1184, 87.9512, 48.0777



41.8108, 56.2515, 37.0886



12.8670, 14.2076, 13.2249



18.5674, 31.1482, 5.0336



1.2153, 1.9279, 0.3081

Inverse Universe

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



41.5824, 36.0039, 67.7118



57.1023, 46.8475, 100.6406



49.8922, 40.2877, 68.1007



12.3094, 12.3009, 15.6631



10.8828, 4.7628, 38.7989



0.7517, 0.3364, 2.3446

Previews

White Background



This preview shows how the XYZ color 48.5105, 59.7035, 37.4009 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 48.5105, 59.7035, 37.4009 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

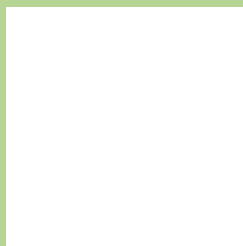
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5105, 59.7035, 37.4009

Background



This preview shows how black text looks on a background with the XYZ color 48.5105, 59.7035, 37.4009.

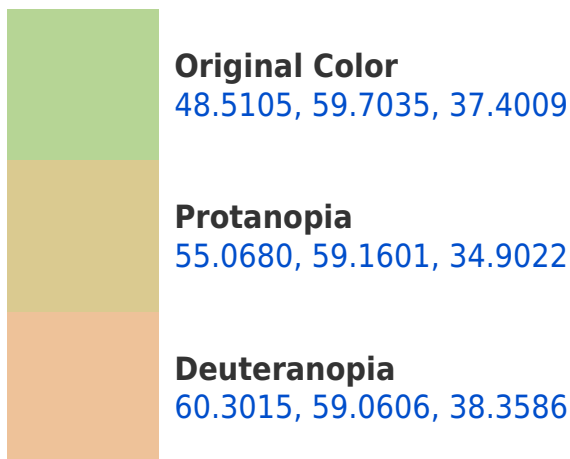


This preview shows how white text looks on a background with the XYZ color 48.5105, 59.7035,

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

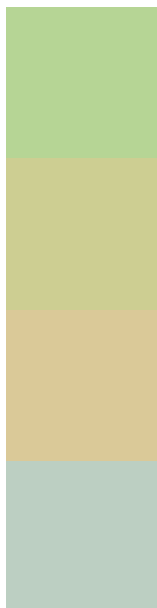




Tritanopia

56.2494, 59.5595, 76.2416

Trichromacy



Original Color

48.5105, 59.7035, 37.4009

Protanomaly

52.4365, 59.1971, 35.8566

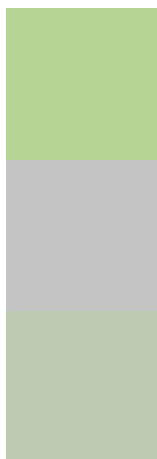
Deuteranomaly

55.4676, 58.9457, 38.1600

Tritanomaly

52.7895, 59.2121, 59.6857

Monochromacy



Original Color

48.5105, 59.7035, 37.4009

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.7431, 56.5721, 50.8929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5105, 59.7035, 37.4009 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, 213, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 213, 149)  
}
```

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, 213, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 213, 149) }
```

Border

The CSS property to change the border of an element to XYZ 48.5105, 59.7035, 37.4009 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, 213, 149) }
```


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

```
.border{ border-color:rgb(182, 213, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 213, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 213, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 213, 149); box-shadow:4px 4px 4px 4px rgb(182, 213, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5105, 59.7035, 37.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 213, 149) }
```

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

```
.background{ background-color: rgb(182,  
213, 149) }
```

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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