

Converting Colors

XYZ(47.5386, 58.4876, 35.9778)

Have a look what the booklet for
XYZ(47.5386, 58.4876, 35.9778)
contains.

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Color

**XYZ(47.5386, 58.4876,
35.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D392
RGB	181, 211, 146
RGB Percent	71%, 83%, 57%
CMY	0.2902, 0.1725, 0.4274
CMYK	0.14, 0.00, 0.31, 0.17
HSL	88°, 42%, 70%
HSV	88°, 31%, 83%
XYZ	47.5386, 58.4876, 35.9778
YIQ	194.6200, 2.9850, -26.5750

Conversions

Conversions Part 2

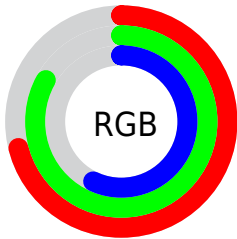
Format	Color
RYB	146, 211, 176
Decimal	11916178
CIELab	81.01, -21.25, 28.99
CIELCh	81, 35.944, 126.243
Yxy	58.4876, 0.3348, 0.4119
Android (android.graphics.Color)	4290106258 (0xFFB5D392)
YUV	194.6200, -23.9697, -11.9447
Hunter-Lab	76.4772, -22.8786, 25.6417

Details

The XYZ color **47.5386, 58.4876, 35.9778** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9437, 34.4927, 66.1837**, and the grayscale version is **51.7837, 54.4805, 59.3293**.

A 20% lighter version of the original color is **81.1104, 93.6947, 68.4535**, and **22.7064, 29.1152, 15.2495** is the 20% darker color. If you saturate the color by 10%, you get **43.8423, 56.7563, 28.0134**, and if you desaturate by 10%, it is **51.7006, 60.4275, 45.5477**.

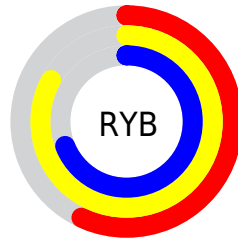
Distribution



Red (71%)

Green (83%)

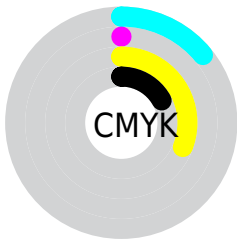
Blue (57%)



Red (57%)

Yellow (83%)

Blue (69%)

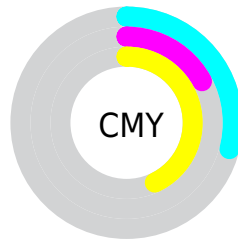


Cyan (14%)

Magenta (0%)

Yellow (31%)

Black (17%)



Cyan (29%)


Magenta (17%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5386, 58.4876, 35.9778 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 47.5386, 58.4876, 35.9778 by changing the saturation by 10% instead.


 47.5386, 58.4876,
35.9778

 47.5386, 58.4876,
35.9778


367.5734,
419.0004, 343.8980

 33.6714, 42.2008,
24.1275


 85.7309, 102.6326,
70.1665

 22.8029, 29.2585,
15.2151


 110.7867,
131.2595, 93.3419

 14.5680, 19.2765,
8.8222


140.3026,
164.7686, 121.1294

 8.6011, 11.8702,
4.5302

174.6442,
203.5443, 153.9477

 4.5369, 6.6554,
1.9205

214.1767,
247.9709, 192.2151

 2.0101, 3.2475,
0.5057

259.2655,

 0.6397, 1.2623,

298.4329, 236.3503

0.0000

310.2760,
355.3146, 286.7717

■ 0.0000, 0.1117,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.5386, 58.4876,
35.9778

■ 47.5386, 58.4876,
35.9778

■ 43.8423, 56.7563,
28.0134

■ 51.7006, 60.4275,
45.5477

■ 40.5872, 55.2177,
21.5627

■ 56.3423, 62.5761,
56.8006

■ 37.7533, 53.8652,
16.5303

■ 61.4826, 64.9434,
69.8136

■ 35.3165, 52.6888,
12.8087

■ 67.1381, 67.5362,
84.6579

■ 33.2500, 51.6775,
10.2746

■ 73.3243, 70.3611,
101.4007

■ 31.5223, 50.8181,
8.7816

■ 77.0904, 72.2381,
104.4880

■ 30.1840, 50.1421,
8.0875

■ 80.4761, 73.9835,
104.6464

■ 82.5855, 75.0710,
104.7452

Harmonies

Analogous

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



54.0462, 58.4876, 30.9678



47.5386, 58.4876, 35.9778



43.4749, 58.4876, 48.5338

Triad

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



47.5386, 58.4876, 35.9778



50.0131, 58.4876, 109.1366



71.0939, 58.4876, 59.3217

Complementary

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



47.5386, 58.4876, 35.9778



39.9437, 34.4927, 66.1837

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.



69.7712, 58.4876, 81.6962



47.5386, 58.4876, 35.9778



57.1643, 58.4876, 113.8359

Square

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



47.5386, 58.4876, 35.9778



44.8117, 58.4876, 91.1710



64.5043, 58.4876, 102.8666



67.9729, 58.4876, 42.3631

Rectangle

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



47.5386, 58.4876, 35.9778



42.4776, 58.4876, 61.0307



64.5043, 58.4876, 102.8666



71.1578, 58.4876, 66.4112

Sweetspot

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



47.5401, 58.4902, 35.9791



87.7821, 96.6549, 90.4108



47.4332, 46.6836, 33.7058



18.5504, 20.5780, 18.7576



0.0000, 0.0000, 0.0000



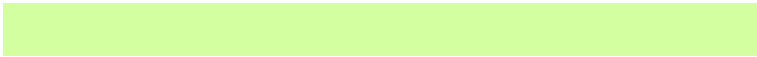
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5401, 58.4902, 35.9791



69.1550, 87.9962, 46.8967



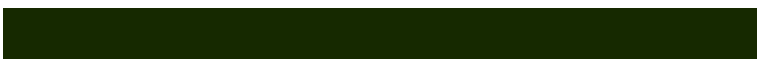
40.9244, 55.0797, 35.6695



12.2556, 13.5152, 12.5748



18.3346, 30.3208, 4.8862



1.1162, 1.7423, 0.2775

Inverse Universe

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



39.9437, 34.4927, 66.1837



55.6907, 45.4533, 100.4459



47.9812, 38.6362, 66.5599



11.6748, 11.6812, 14.8830



10.2120, 4.4448, 37.5122



0.6621, 0.2955, 2.1017

Previews

White Background



This preview shows how the XYZ color 47.5386, 58.4876, 35.9778 looks on a white background.

Color Contrast Check

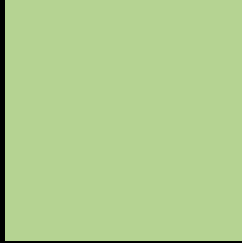
Large Text (above 18pt) WCAG AA × Fail

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 47.5386, 58.4876, 35.9778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

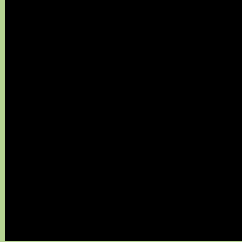
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5386, 58.4876, 35.9778

Background



This preview shows how black text looks on a background with the XYZ color 47.5386, 58.4876, 35.9778.



This preview shows how white text looks on a background with the XYZ color 47.5386, 58.4876,

35.9778.

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

47.5386, 58.4876, 35.9778

Protanopia

54.3844, 58.4780, 34.0122

Deuteranopia

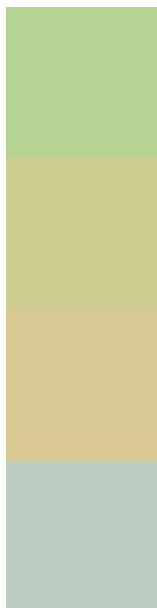
59.2797, 57.9058, 36.9067



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

47.5386, 58.4876, 35.9778

Protanomaly

51.6911, 58.4832, 34.5506

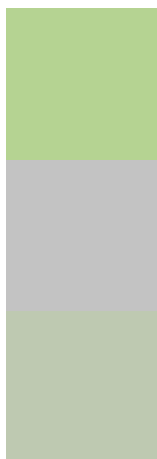
Deuteranomaly

54.4635, 57.7685, 36.7137

Tritanomaly

51.8393, 58.0332, 58.3385

Monochromacy



Original Color

47.5386, 58.4876, 35.9778

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.0577, 55.8948, 49.7454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5386, 58.4876, 35.9778 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, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(181, 211, 146)  
}
```

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, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 211, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.5386, 58.4876, 35.9778 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, 211, 146) }
```


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

```
.border{ border-color:rgb(181, 211, 146) }
```

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

Here you see how a box with a 4 pixel rgb(181, 211, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(181, 211,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5386, 58.4876, 35.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 211, 146) }
```

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

```
.background{ background-color: rgb(181,  
211, 146) }
```

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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