

Converting Colors

XYZ(35.4738, 27.0168, 46.8875)

Have a look what the booklet for
XYZ(35.4738, 27.0168, 46.8875)
contains.

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Color

**XYZ(35.5580, 26.9844,
47.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	BC76B5
RGB	188, 118, 181
RGB Percent	74%, 46%, 71%
CMY	0.2627, 0.5372, 0.2902
CMYK	0.00, 0.37, 0.04, 0.26
HSL	306°, 34%, 60%
HSV	306°, 37%, 74%
XYZ	35.5580, 26.9844, 47.0505
YIQ	146.1120, 21.4970, 34.4330

Conversions

Conversions Part 2

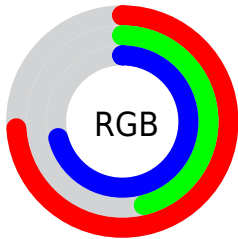
Format	Color
RYB	188, 118, 181
Decimal	12351157
CIELab	58.96, 37.17, -21.96
CIELCh	59, 43.177, 329.424
Yxy	26.9844, 0.3245, 0.2462
Android (android.graphics.Color)	4290541237 (0xFFBC76B5)
YUV	146.1120, 17.1998, 36.7358
Hunter-Lab	51.9465, 31.2790, -17.3393

Details

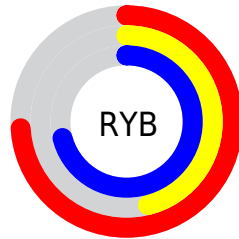
The XYZ color **35.5580, 26.9844, 47.0505** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.1573, 41.2996, 25.8385**, and the grayscale version is **27.2938, 28.7152, 31.2708**.

A 20% lighter version of the original color is **67.5052, 54.6527, 87.1119**, and **15.5763, 10.5594, 21.6393** is the 20% darker color. If you saturate the color by 10%, you get **33.3694, 22.9135, 45.3757**, and if you desaturate by 10%, it is **38.1921, 31.9412, 48.8872**.

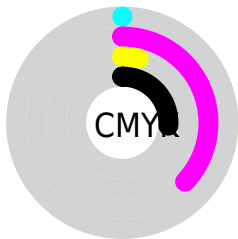
Distribution



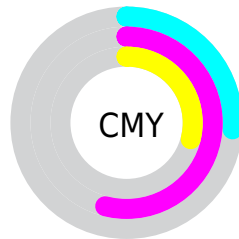
- Red (74%)
- Green (46%)
- Blue (71%)



- Red (74%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (4%)
- Black (26%)





- Cyan (26%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5580, 26.9844, 47.0505 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 35.5580, 26.9844, 47.0505 by changing the saturation by 10% instead.


 35.5580, 26.9844,
47.0505


 35.5580, 26.9844,
47.0505


318.4895,
287.5816, 391.4157


 24.2615, 17.5615,
32.7209


 67.6776, 54.8588,
87.1398

 15.6535, 10.6356,
21.6434


 89.2316, 74.0792,
113.7366

 9.3686, 5.8224,
13.3993


 114.9353, 97.3341,
145.2595

 5.0414, 2.7374,
7.5701

145.1543,
125.0080, 182.1272

 2.3066, 0.9962,
3.7373

180.2539,
157.4853, 224.7581

 0.7980, 0.0000,
1.4824

220.5994,

 0.0000, 0.0000,

195.1504, 273.5708

0.2048

266.5561,
238.3877, 328.9838

■ 0.0000, 0.0000,
0.0000

■ 35.5580, 26.9844,
47.0505

■ 35.5580, 26.9844,
47.0505

■ 33.3694, 22.9135,
45.3757

■ 38.1921, 31.9412,
48.8872

■ 31.5975, 19.6721,
43.8524

■ 41.2933, 37.8286,
50.8922

■ 30.2138, 17.2032,
42.4712


■ 44.8850, 44.6927,
53.0736


■ 29.1855, 15.4408,
41.2211


■ 48.9881, 52.5754,
55.4385

■ 28.4741, 14.3081,
40.0894


■ 53.6223, 61.5162,
57.9935


 28.0250, 13.6962,
39.0577

 58.8065, 71.5525,
60.7449

 27.9195, 13.5636,
38.7806

 64.5583, 82.7199,
63.6986

 66.4680, 86.1990,
65.3849

 66.6835, 86.2852,
66.5196

Harmonies

Analogous

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



31.0381, 26.9844, 63.2179



35.5580, 26.9844, 47.0505



37.3647, 26.9844, 29.6783

Triad

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



35.5580, 26.9844, 47.0505



25.7513, 26.9844, 8.6769



17.6940, 26.9844, 46.3525

Complementary

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



35.5580, 26.9844, 47.0505



29.1573, 41.2996, 25.8385

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.



16.6789, 26.9844, 29.0865



35.5580, 26.9844, 47.0505



20.9209, 26.9844, 10.4721

Square

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



35.5580, 26.9844, 47.0505



31.2418, 26.9844, 10.6215



17.7747, 26.9844, 16.8035



20.7650, 26.9844, 62.7260

Rectangle

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



35.5580, 26.9844, 47.0505



36.6183, 26.9844, 20.6361



17.7747, 26.9844, 16.8035



17.1216, 26.9844, 40.3028

Sweetspot

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



35.5589, 26.9856, 47.0511



78.6677, 75.8702, 94.5868



24.0142, 20.9490, 50.3556



16.7267, 15.9516, 20.2250



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.5589, 26.9856, 47.0511



61.0203, 42.5322, 82.6717



32.4068, 25.7248, 30.4527



9.8877, 9.6794, 11.7977



19.0244, 9.2409, 26.4857



0.7572, 0.3668, 1.1008

Inverse Universe

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



35.5589, 26.9856, 47.0511



61.0203, 42.5322, 82.6717



31.8007, 42.3570, 39.7585



9.8877, 9.6794, 11.7977



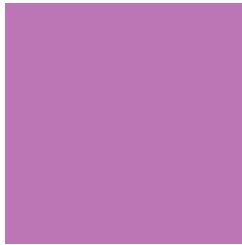
19.0244, 9.2409, 26.4857



0.7572, 0.3668, 1.1008

Previews

White Background



This preview shows how the XYZ color 35.5580, 26.9844, 47.0505 looks on a white background.

Color Contrast Check

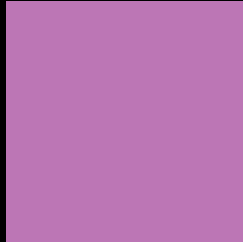
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5580, 26.9844, 47.0505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

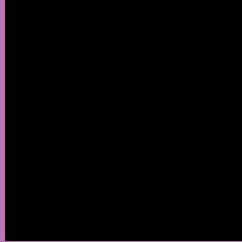
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5580, 26.9844, 47.0505

Background



This preview shows how black text looks on a background with the XYZ color 35.5580, 26.9844, 47.0505.



This preview shows how white text looks on a background with the XYZ color 35.5580, 26.9844,

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

35.5580, 26.9844, 47.0505

Protanopia

28.0286, 27.1934, 57.1977

Deuteranopia

27.6497, 27.0428, 45.3575



Tritanopia

31.3961, 26.9300, 27.2102

Trichromacy



Original Color

35.5580, 26.9844, 47.0505

Protanomaly

29.9784, 26.6042, 53.4243

Deuteranomaly

29.8625, 26.5149, 45.6634

Tritanomaly

32.7246, 26.9056, 33.6055

Monochromacy



Original Color

35.5580, 26.9844, 47.0505

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.7601, 27.6886, 36.5768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5580, 26.9844, 47.0505 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(188, 118, 181)` looks like.

```
.text, #text, p{  
    color:rgb(188, 118, 181)  
}
```

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(188, 118, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 118, 181) }
```

Border

The CSS property to change the border of an element to XYZ 35.5580, 26.9844, 47.0505 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(188, 118, 181) }
```


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

```
.border{ border-color:rgb(188, 118, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 118, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 118, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 118, 181);  
box-shadow:4px 4px 4px 4px rgb(188, 118,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5580, 26.9844, 47.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 118, 181) }
```

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

```
.background{ background-color: rgb(188,  
118, 181) }
```

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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