

Converting Colors

XYZ(30.6626, 25.4278, 35.6719)

Have a look what the booklet for
XYZ(30.6626, 25.4278, 35.6719)
contains.

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Color

**XYZ(30.5866, 25.3864,
35.6357)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7A9E
RGB	174, 122, 158
RGB Percent	68%, 48%, 62%
CMY	0.3176, 0.5216, 0.3804
CMYK	0.00, 0.30, 0.09, 0.32
HSL	318°, 24%, 58%
HSV	318°, 30%, 68%
XYZ	30.5866, 25.3864, 35.6357
YIQ	141.6520, 19.4360, 22.2200

Conversions

Conversions Part 2

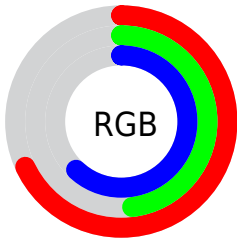
Format	Color
RYB	174, 122, 158
Decimal	11434654
CIELab	57.45, 26.04, -11.19
CIELCh	57, 28.345, 336.747
Yxy	25.3864, 0.3339, 0.2771
Android (android.graphics.Color)	4289624734 (0xFFAE7A9E)
YUV	141.6520, 8.0596, 28.3692
Hunter-Lab	50.3849, 20.1864, -6.6645

Details

The XYZ color **30.5866, 25.3864, 35.6357** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.7506, 36.2453, 29.5798**, and the grayscale version is **25.5383, 26.8683, 29.2595**.

A 20% lighter version of the original color is **59.9733, 52.2870, 69.8823**, and **12.8564, 9.7612, 15.1164** is the 20% darker color. If you saturate the color by 10%, you get **28.1876, 21.3097, 32.6117**, and if you desaturate by 10%, it is **33.3897, 30.2384, 38.8941**.

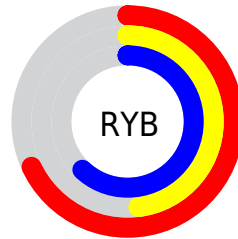
Distribution



Red (68%)

Green (48%)

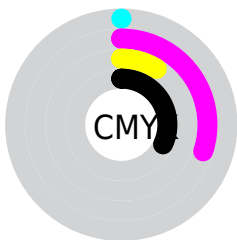
Blue (62%)



Red (68%)

Yellow (48%)

Blue (62%)

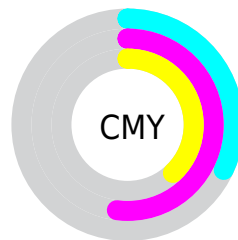


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5866, 25.3864, 35.6357 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 30.5866, 25.3864, 35.6357 by changing the saturation by 10% instead.

■ 30.5866, 25.3864,
35.6357

■ 30.5866, 25.3864,
35.6357

296.4902,
279.7568, 342.3546

■ 20.4345, 16.3652,
23.8655

■ 59.9689, 52.2834,
69.6321

■ 12.8214, 9.7829,
15.0226

■ 79.9299, 70.9279,
92.6954

■ 7.3818, 5.2553,
8.6885

■ 103.8912, 93.5490,
120.3602

■ 3.7505, 2.3978,
4.4445

132.2182,
120.5311, 153.0449

■ 1.5620, 0.8248,
1.8722

165.2762,
152.2585, 191.1682

■ 0.3674, 0.0000,
0.4750

203.4307,

■ 0.0000, 0.0000,

189.1157, 235.1485

0.0000

247.0469,
231.4870, 285.4045

■ 30.5866, 25.3864,
35.6357

■ 30.5866, 25.3864,
35.6357

■ 28.1876, 21.3097,
32.6117

■ 33.3897, 30.2384,
38.8941

■ 26.1699, 17.9640,
29.8123

■ 36.6137, 35.9003,
42.3928

■ 24.5114, 15.3057,
27.2293

■ 40.2774, 42.4084,
46.1395

■ 23.1873, 13.2852,
24.8529

■ 44.3976, 49.7962,
50.1412

■ 22.1691, 11.8460,
22.6725

■ 48.9901, 58.0951,
54.4041

■ 21.4235, 10.9218,
20.6756

■ 54.0702, 67.3351,
58.9345

■ 20.8798, 10.3719,
18.8372

■ 59.6523, 77.5446,
63.7384

■ 20.8737, 10.3659,
18.8162

■ 63.7388, 84.7280,
68.1509

■ 64.3791, 84.9841,
71.5230

Harmonies

Analogous

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



28.2177, 25.3864, 45.3406



30.5866, 25.3864, 35.6357



31.1541, 25.3864, 25.5178

Triad

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



30.5866, 25.3864, 35.6357



23.3756, 25.3864, 13.0029



19.2996, 25.3864, 40.2992

Complementary

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



30.5866, 25.3864, 35.6357



27.7506, 36.2453, 29.5798

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.



18.2483, 25.3864, 29.8798



30.5866, 25.3864, 35.6357



20.4557, 25.3864, 15.2770

Square

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



30.5866, 25.3864, 35.6357



26.7791, 25.3864, 13.8550



18.6510, 25.3864, 20.9423



21.6598, 25.3864, 48.4415

Rectangle

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



30.5866, 25.3864, 35.6357



30.3914, 25.3864, 20.1015



18.6510, 25.3864, 20.9423



18.7920, 25.3864, 36.8643

Sweetspot

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



30.5874, 25.3875, 35.6362



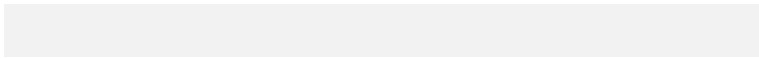
66.8671, 65.9210, 77.3725



25.0158, 22.3457, 43.0393



14.6632, 14.3005, 16.9877



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.5874, 25.3875, 35.6362



52.4642, 40.9047, 60.8891



28.6083, 24.5959, 25.2146



8.2305, 8.1055, 9.5248



15.1672, 7.5294, 13.7919



0.4449, 0.2186, 0.5046

Inverse Universe

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



30.5874, 25.3875, 35.6362



52.4642, 40.9047, 60.8891



29.8277, 37.0761, 40.5178



8.2305, 8.1055, 9.5248



15.1672, 7.5294, 13.7919



0.4449, 0.2186, 0.5046

Previews

White Background



This preview shows how the XYZ color 30.5866, 25.3864, 35.6357 looks on a white background.

Color Contrast Check

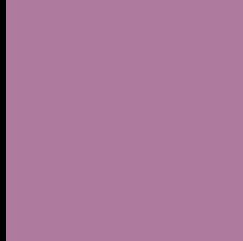
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5866, 25.3864, 35.6357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

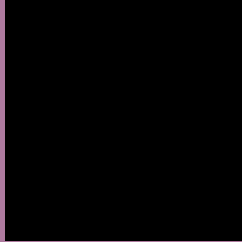
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5866, 25.3864, 35.6357

Background



This preview shows how black text looks on a background with the XYZ color 30.5866, 25.3864, 35.6357.



This preview shows how white text looks on a background with the XYZ color 30.5866, 25.3864,

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

30.5866, 25.3864, 35.6357

Protanopia

25.3736, 25.5438, 40.6389

Deuteranopia

26.1663, 25.6575, 35.0258



Tritanopia

28.6994, 25.3572, 26.6744

Trichromacy



Original Color

30.5866, 25.3864, 35.6357

Protanomaly

26.9847, 25.3859, 38.5997

Deuteranomaly

27.5860, 25.3681, 35.3409

Tritanomaly

29.3809, 25.4515, 29.7496

Monochromacy



Original Color

30.5866, 25.3864, 35.6357

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3357, 26.3361, 31.6596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5866, 25.3864, 35.6357 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(174, 122, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 122, 158)  
}
```

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(174, 122, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 122, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.5866, 25.3864, 35.6357 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(174, 122, 158) }
```


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

```
.border{ border-color:rgb(174, 122, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 122, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 122, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 122, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 122,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5866, 25.3864, 35.6357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 122, 158) }
```

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

```
.background{ background-color: rgb(174,  
122, 158) }
```

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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