

Converting Colors

XYZ(30.4892, 26.0486, 37.4364)

Have a look what the booklet for
XYZ(30.4892, 26.0486, 37.4364)
contains.

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Color

**XYZ(30.5600, 26.0764,
37.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7EA2
RGB	170, 126, 162
RGB Percent	67%, 49%, 64%
CMY	0.3333, 0.5059, 0.3647
CMYK	0.00, 0.26, 0.05, 0.33
HSL	311°, 21%, 58%
HSV	311°, 26%, 67%
XYZ	30.5600, 26.0764, 37.6050
YIQ	143.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

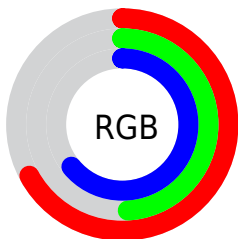
Format	Color
RYB	170, 126, 162
Decimal	11173538
CIELab	58.11, 23.10, -12.55
CIELCh	58, 26.288, 331.491
Yxy	26.0764, 0.3243, 0.2767
Android (android.graphics.Color)	4289363618 (0xFFAA7EA2)
YUV	143.2600, 9.2388, 23.4510
Hunter-Lab	51.0651, 17.4599, -7.9164

Details

The XYZ color **30.5600, 26.0764, 37.6050** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.2830, 34.9071, 27.8555**, and the grayscale version is **26.1731, 27.5361, 29.9868**.

A 20% lighter version of the original color is **60.0085, 53.4187, 72.7937**, and **12.7350, 10.0766, 16.0256** is the 20% darker color. If you saturate the color by 10%, you get **28.2970, 21.9843, 35.5118**, and if you desaturate by 10%, it is **33.2007, 30.9123, 39.8580**.

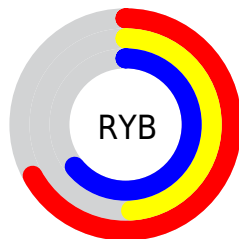
Distribution



Red (67%)

Green (49%)

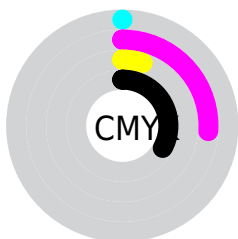
Blue (64%)



Red (67%)

Yellow (49%)

Blue (64%)

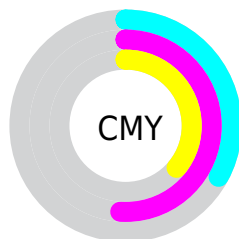


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (33%)



Cyan (33%)


Magenta (51%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5600, 26.0764, 37.6050 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 30.5600, 26.0764, 37.6050 by changing the saturation by 10% instead.


 30.5600, 26.0764,
37.6050


 30.5600, 26.0764,
37.6050


296.3693,
283.1569, 351.1697


 20.4142, 16.8808,
25.3768


 59.9272, 53.3982,
72.6990

 12.8065, 10.1495,
16.1364


 79.8794, 72.2931,
96.4019

 7.3715, 5.4982,
9.4654

 103.8310, 95.1900,
124.7668

 3.7439, 2.5424,
4.9450

132.1476,
122.4732, 158.2121

 1.5583, 0.8978,
2.1569

165.1943,
154.5271, 197.1566

 0.3650, 0.0000,
0.6493

203.3366,

 0.0000, 0.0000,

191.7361, 242.0186

0.0000

246.9398,
234.4846, 293.2168

■ 30.5600, 26.0764,
37.6050

■ 30.5600, 26.0764,
37.6050

■ 28.2970, 21.9843,
35.5118

■ 33.2007, 30.9123,
39.8580

■ 26.3906, 18.5953,
33.5703

■ 36.2343, 36.5232,
42.2753

■ 24.8214, 15.8697,
31.7740

■ 39.6776, 42.9429,
44.8629

■ 23.5668, 13.7629,
30.1152

■ 43.5462, 50.2019,
47.6263

■ 22.6016, 12.2246,
28.5853

■ 47.8546, 58.3295,
50.5705

■ 21.8968, 11.1965,
27.1743

■ 52.6166, 67.3531,
53.7005

■ 21.4142, 10.6023,
25.8692

■ 57.8455, 77.2994,
57.0207

■ 21.2445, 10.4128,
25.3505

■ 61.2785, 83.6425,
59.7773

■ 61.6125, 83.7760,
61.5359

Harmonies

Analogous

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



28.1205, 26.0764, 46.1107



30.5600, 26.0764, 37.6050



31.4187, 26.0764, 27.9391

Triad

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



30.5600, 26.0764, 37.6050



24.6259, 26.0764, 14.2305



19.9247, 26.0764, 38.5659

Complementary

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



30.5600, 26.0764, 37.6050



27.2830, 34.9071, 27.8555

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.



19.1574, 26.0764, 28.8513



30.5600, 26.0764, 37.6050



21.7239, 26.0764, 15.9179

Square

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



30.5600, 26.0764, 37.6050



27.8215, 26.0764, 15.6098



19.7873, 26.0764, 20.8231



21.9776, 26.0764, 46.7437

Rectangle

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



30.5600, 26.0764, 37.6050



30.9254, 26.0764, 22.4444



19.7873, 26.0764, 20.8231



19.5162, 26.0764, 35.3090

Sweetspot

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



30.5608, 26.0776, 37.6056



64.4320, 63.8348, 75.6832



24.4433, 22.8391, 41.1507



14.1825, 13.8906, 16.7312



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.5608, 26.0776, 37.6056



53.0334, 42.9340, 66.0376



28.8223, 25.3822, 28.4508



7.7825, 7.6429, 9.1719



15.6463, 7.6672, 18.7467



0.3955, 0.1925, 0.5340

Inverse Universe

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



30.5608, 26.0776, 37.6056



53.0334, 42.9340, 66.0376



28.9243, 35.5635, 36.4982



7.7825, 7.6429, 9.1719



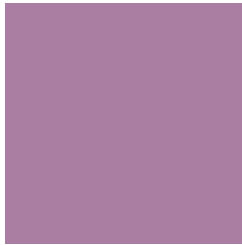
15.6463, 7.6672, 18.7467



0.3955, 0.1925, 0.5340

Previews

White Background



This preview shows how the XYZ color 30.5600, 26.0764, 37.6050 looks on a white background.

Color Contrast Check

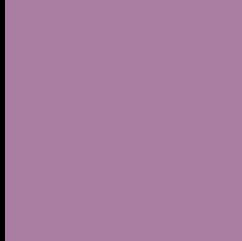
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5600, 26.0764, 37.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

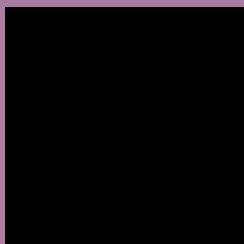
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5600, 26.0764, 37.6050

Background



This preview shows how black text looks on a background with the XYZ color 30.5600, 26.0764, 37.6050.



This preview shows how white text looks on a background with the XYZ color 30.5600, 26.0764,

37.6050.

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

30.5600, 26.0764, 37.6050

Protanopia

26.1612, 26.3541, 41.7382

Deuteranopia

26.6509, 26.0757, 36.8862



Tritanopia

28.6526, 26.0742, 28.3336

Trichromacy



Original Color

30.5600, 26.0764, 37.6050

Protanomaly

27.3542, 25.9512, 40.1266

Deuteranomaly

27.8212, 25.8480, 37.2411

Tritanomaly

29.3440, 26.1635, 31.5204

Monochromacy



Original Color

30.5600, 26.0764, 37.6050

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5876, 26.8656, 32.5857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5600, 26.0764, 37.6050 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(170, 126, 162)` looks like.

```
.text, #text, p{  
    color:rgb(170, 126, 162)  
}
```

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(170, 126, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.5600, 26.0764, 37.6050 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(170, 126, 162) }
```


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

```
.border{ border-color:rgb(170, 126, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 126, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 126, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 126, 162);  
box-shadow:4px 4px 4px 4px rgb(170, 126,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5600, 26.0764, 37.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 162) }
```

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

```
.background{ background-color: rgb(170,  
126, 162) }
```

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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