

Converting Colors

XYZ(30.5568, 26.5473, 36.3867)

Have a look what the booklet for
XYZ(30.5568, 26.5473, 36.3867)
contains.

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Color

**XYZ(30.5547, 26.4876,
36.3031)**

Conversions

Conversions Part 1

Format	Color
Hex	AA809F
RGB	170, 128, 159
RGB Percent	67%, 50%, 62%
CMY	0.3333, 0.4980, 0.3765
CMYK	0.00, 0.25, 0.06, 0.33
HSL	316°, 20%, 58%
HSV	316°, 25%, 67%
XYZ	30.5547, 26.4876, 36.3031
YIQ	144.0920, 15.0810, 18.5450

Conversions

Conversions Part 2

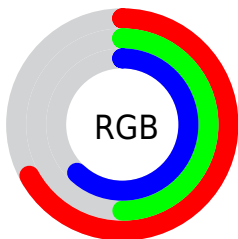
Format	Color
RYB	170, 128, 159
Decimal	11174047
CIELab	58.50, 21.41, -10.24
CIELCh	58, 23.733, 334.438
Yxy	26.4876, 0.3273, 0.2838
Android (android.graphics.Color)	4289364127 (0xFFAA809F)
YUV	144.0920, 7.3496, 22.7213
Hunter-Lab	51.4661, 15.9072, -5.7956

Details

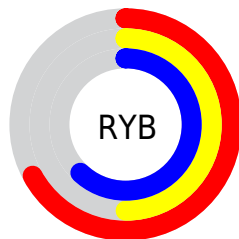
The XYZ color **30.5547, 26.4876, 36.3031** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.9380, 35.2034, 29.7501**, and the grayscale version is **26.5140, 27.8948, 30.3775**.

A 20% lighter version of the original color is **60.0255, 54.0715, 70.8915**, and **12.7673, 10.3134, 15.5051** is the 20% darker color. If you saturate the color by 10%, you get **28.1411, 22.2673, 33.6266**, and if you desaturate by 10%, it is **33.3553, 31.4588, 39.1779**.

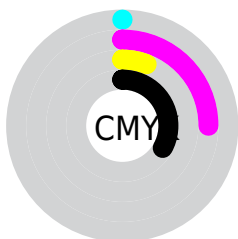
Distribution



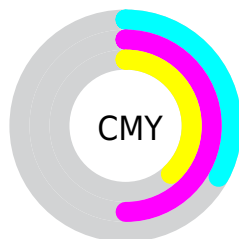
- Red (67%)
- Green (50%)
- Blue (62%)



- Red (67%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5547, 26.4876, 36.3031 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 30.5547, 26.4876, 36.3031 by changing the saturation by 10% instead.

■ 30.5547, 26.4876,
36.3031

■ 30.5547, 26.4876,
36.3031

296.3452,
285.1675, 345.3608

■ 20.4102, 17.1888,
24.3768

■ 59.9189, 54.0605,
70.6739

■ 12.8035, 10.3692,
15.3986

■ 79.8693, 73.1034,
93.9556

■ 7.3695, 5.6444,
8.9499

■ 103.8191, 96.1631,
121.8595

■ 3.7426, 2.6301,
4.6121

132.1335,
123.6240, 154.8041

■ 1.5576, 0.9418,
1.9668

165.1780,
155.8705, 193.2080

■ 0.3645, 0.0000,
0.5348

203.3178,

■ 0.0000, 0.0000,

193.2870, 237.4897

0.0000

246.9185,
236.2579, 288.0678

■ 30.5547, 26.4876,
36.3031

■ 30.5547, 26.4876,
36.3031

■ 28.1411, 22.2673,
33.6266

■ 33.3553, 31.4588,
39.1779

■ 26.0935, 18.7573,
31.1397

■ 36.5579, 37.2119,
42.2558

■ 24.3924, 15.9186,
28.8356

■ 40.1796, 43.7804,
45.5435

■ 23.0156, 13.7070,
26.7062

■ 44.2357, 51.1948,
49.0467

■ 21.9382, 12.0728,
24.7423

■ 48.7407, 59.4839,
52.7710

■ 21.1315, 10.9588,
22.9336

■ 53.7086, 68.6754,
56.7217

■ 20.5607, 10.2957,
21.2677

■ 59.1527, 78.7956,
60.9039

■ 20.3097, 10.0389,
20.4284

■ 62.1454, 83.9892,
64.3423

■ 62.6552, 84.1931,
67.0271

Harmonies

Analogous

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



28.4663, 26.4876, 44.1368



30.5547, 26.4876, 36.3031



31.1613, 26.4876, 27.6209

Triad

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



30.5547, 26.4876, 36.3031



24.7461, 26.4876, 15.6575



20.8468, 26.4876, 38.8591

Complementary

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



30.5547, 26.4876, 36.3031



27.9380, 35.2034, 29.7501

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.



20.0103, 26.4876, 30.0955



30.5547, 26.4876, 36.3031



22.1489, 26.4876, 17.5627

Square

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



30.5547, 26.4876, 36.3031



27.6619, 26.4876, 16.6888



20.4682, 26.4876, 22.4778



22.8431, 26.4876, 45.8002

Rectangle

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



30.5547, 26.4876, 36.3031



30.6073, 26.4876, 22.7192



20.4682, 26.4876, 22.4778



20.4279, 26.4876, 35.9730

Sweetspot

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



30.5555, 26.4888, 36.3037



64.8533, 64.8536, 75.2804



25.5402, 23.7880, 41.2759



14.3864, 14.3255, 16.7156



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.



30.5555, 26.4888, 36.3037



52.7981, 43.4266, 62.9892



28.9214, 25.8351, 27.6986



7.7568, 7.6326, 9.0363



14.9637, 7.3942, 15.1522



0.3833, 0.1876, 0.4701

Inverse Universe

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



30.5555, 26.4888, 36.3037



52.7981, 43.4266, 62.9892



29.5792, 35.8598, 38.3922



7.7568, 7.6326, 9.0363



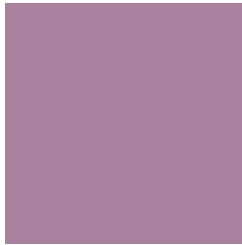
14.9637, 7.3942, 15.1522



0.3833, 0.1876, 0.4701

Previews

White Background



This preview shows how the XYZ color 30.5547, 26.4876, 36.3031 looks on a white background.

Color Contrast Check

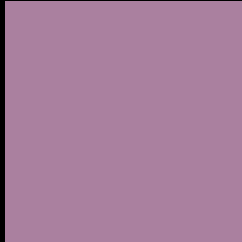
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5547, 26.4876, 36.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

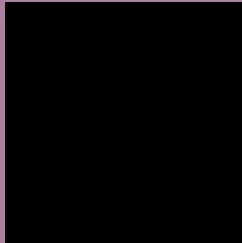
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5547, 26.4876, 36.3031

Background



This preview shows how black text looks on a background with the XYZ color 30.5547, 26.4876, 36.3031.



This preview shows how white text looks on a background with the XYZ color 30.5547, 26.4876,

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

30.5547, 26.4876, 36.3031

Protanopia

26.5065, 26.7804, 40.3313

Deuteranopia

27.0641, 26.5287, 35.5924



Tritanopia

29.0725, 26.4805, 28.7783

Trichromacy



Original Color

30.5547, 26.4876, 36.3031

Protanomaly

27.7177, 26.5846, 38.7924

Deuteranomaly

28.2142, 26.4874, 35.9733

Tritanomaly

29.6901, 26.5384, 31.5746

Monochromacy



Original Color

30.5547, 26.4876, 36.3031

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.6502, 27.1192, 32.2110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5547, 26.4876, 36.3031 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, 128, 159)` looks like.

```
.text, #text, p{  
    color:rgb(170, 128, 159)  
}
```

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, 128, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 128, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.5547, 26.4876, 36.3031 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, 128, 159) }
```


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

```
.border{ border-color:rgb(170, 128, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 128, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 128, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 128, 159);  
box-shadow:4px 4px 4px 4px rgb(170, 128,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5547, 26.4876, 36.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 128, 159) }
```

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

```
.background{ background-color: rgb(170,  
128, 159) }
```

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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