

Converting Colors

XYZ(30.6472, 26.2863, 43.1980)

Have a look what the booklet for
XYZ(30.6472, 26.2863, 43.1980)
contains.

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Color

**XYZ(30.5718, 26.3480,
43.0095)**

Conversions

Conversions Part 1

Format	Color
Hex	A480AD
RGB	164, 128, 173
RGB Percent	64%, 50%, 68%
CMY	0.3569, 0.4980, 0.3216
CMYK	0.05, 0.26, 0.00, 0.32
HSL	288°, 22%, 59%
HSV	288°, 26%, 68%
XYZ	30.5718, 26.3480, 43.0095
YIQ	143.8940, 7.0110, 21.6270

Conversions

Conversions Part 2

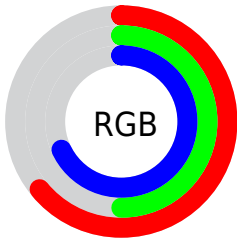
Format	Color
RYB	164, 128, 173
Decimal	10780845
CIELab	58.37, 22.04, -18.53
CIELCh	58, 28.793, 319.946
Yxy	26.3480, 0.3059, 0.2637
Android (android.graphics.Color)	4288970925 (0xFFA480AD)
YUV	143.8940, 14.3493, 17.6330
Hunter-Lab	51.3303, 16.4847, -13.7477

Details

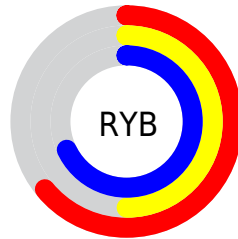
The XYZ color **30.5718, 26.3480, 43.0095** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.1574, 36.7647, 25.9829**, and the grayscale version is **26.4094, 27.7848, 30.2576**.

A 20% lighter version of the original color is **59.8801, 53.7650, 81.3504**, and **12.8577, 10.2740, 19.3946** is the 20% darker color. If you saturate the color by 10%, you get **27.8007, 21.8510, 42.2879**, and if you desaturate by 10%, it is **33.7488, 31.6268, 43.8614**.

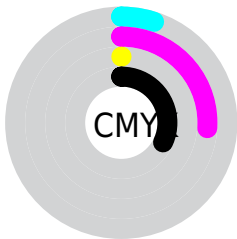
Distribution



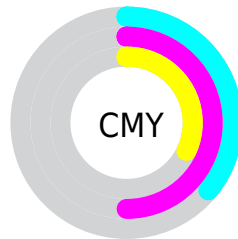
- Red (64%)
- Green (50%)
- Blue (68%)



- Red (64%)
- Yellow (50%)
- Blue (68%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5718, 26.3480, 43.0095 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 30.5718, 26.3480, 43.0095 by changing the saturation by 10% instead.

■ 30.5718, 26.3480,
43.0095

■ 30.5718, 26.3480,
43.0095

296.4230,
284.4862, 374.5732

■ 20.4232, 17.0842,
29.5611

■ 59.9457, 53.8358,
81.0117

■ 12.8131, 10.2945,
19.2565

■ 79.9018, 72.8286,
106.4026

■ 7.3761, 5.5947,
11.6771

■ 103.8577, 95.8331,
136.6114

■ 3.7468, 2.6002,
6.4043

132.1789,
123.2339, 172.0567

■ 1.5599, 0.9268,
3.0197

165.2306,
155.4151, 213.1570

■ 0.3661, 0.0000,
1.1047

203.3783,

■ 0.0000, 0.0000,

192.7613, 260.3308

0.0000

246.9873,
235.6569, 313.9967

■ 30.5718, 26.3480,
43.0095

■ 30.5718, 26.3480,
43.0095

■ 27.8007, 21.8510,
42.2879

■ 33.7488, 31.6268,
43.8614

■ 25.4132, 18.0931,
41.6884

■ 37.3473, 37.7202,
44.8478

■ 23.3888, 15.0332,
41.2045

■ 41.3855, 44.6635,
45.9752

■ 21.7040, 12.6242,
40.8283

■ 45.8793, 52.4887,
47.2488

■ 20.3323, 10.8135,
40.5511

■ 50.8442, 61.2262,
48.6736

■ 19.2431, 9.5400,
40.3627

■ 56.2946, 70.9050,
50.2545

■ 18.3960, 8.7234,
40.2497

■ 62.2446, 81.5526,
51.9961

■ 18.0903, 8.4546,
40.2140

■ 64.9607, 85.7022,
52.6539

■ 65.8453, 86.1582,
52.6953

Harmonies

Analogous

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



27.4164, 26.3480, 50.9611



30.5718, 26.3480, 43.0095



32.2928, 26.3480, 32.1966

Triad

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



30.5718, 26.3480, 43.0095



26.2397, 26.3480, 13.5559



19.2199, 26.3480, 35.7996

Complementary

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



30.5718, 26.3480, 43.0095



29.1574, 36.7647, 25.9829

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.



18.9685, 26.3480, 25.4450



30.5718, 26.3480, 43.0095



22.8107, 26.3480, 14.0860

Square

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



30.5718, 26.3480, 43.0095



29.6415, 26.3480, 16.2920



20.2245, 26.3480, 17.9620



20.9465, 26.3480, 46.1707

Rectangle

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



30.5718, 26.3480, 43.0095



32.2955, 26.3480, 25.4781



20.2245, 26.3480, 17.9620



18.9667, 26.3480, 32.1578

Sweetspot

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



30.5726, 26.3491, 43.0101



65.4490, 65.1044, 79.9226



25.4987, 25.7129, 43.1547



14.0124, 13.7900, 17.3109



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.



30.5726, 26.3491, 43.0101



51.9201, 42.5649, 76.2851



31.3206, 26.8705, 36.9090



8.1778, 8.0660, 10.0786



13.3370, 6.2353, 29.5451



0.4104, 0.1938, 0.8238

Inverse Universe

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



29.4690, 26.1299, 27.1586



49.6966, 42.1546, 42.9302



28.6357, 36.3927, 30.6183



8.0683, 8.0406, 8.6705



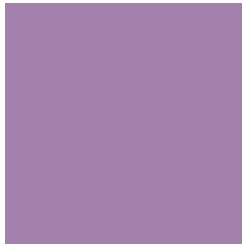
12.8962, 6.6210, 1.8327



0.3774, 0.1916, 0.1489

Previews

White Background



This preview shows how the XYZ color 30.5718, 26.3480, 43.0095 looks on a white background.

Color Contrast Check

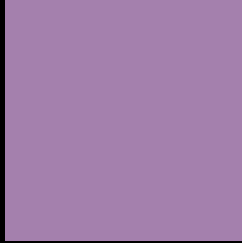
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5718, 26.3480, 43.0095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

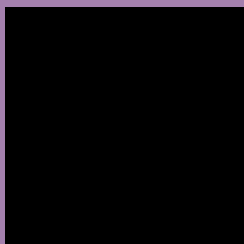
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5718, 26.3480, 43.0095

Background



This preview shows how black text looks on a background with the XYZ color 30.5718, 26.3480, 43.0095.



This preview shows how white text looks on a background with the XYZ color 30.5718, 26.3480,

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

30.5718, 26.3480, 43.0095

Protanopia

26.7790, 26.5473, 47.4288

Deuteranopia

27.0866, 26.6062, 42.2360



Tritanopia

27.9188, 26.2623, 29.9832

Trichromacy



Original Color

30.5718, 26.3480, 43.0095

Protanomaly

27.8552, 26.2931, 45.7264

Deuteranomaly

28.1842, 26.3247, 42.6254

Tritanomaly

28.7306, 26.1762, 34.5486

Monochromacy



Original Color

30.5718, 26.3480, 43.0095

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7674, 27.1228, 34.7821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5718, 26.3480, 43.0095 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(164, 128, 173)` looks like.

```
.text, #text, p{  
    color:rgb(164, 128, 173)  
}
```

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(164, 128, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 128, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.5718, 26.3480, 43.0095 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(164, 128, 173) }
```


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

```
.border{ border-color:rgb(164, 128, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 128, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 128, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 128, 173);  
box-shadow:4px 4px 4px 4px rgb(164, 128,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5718, 26.3480, 43.0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 128, 173) }
```

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

```
.background{ background-color: rgb(164,  
128, 173) }
```

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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