

Converting Colors

XYZ(26.4826, 22.0170, 30.5850)

Have a look what the booklet for
XYZ(26.4826, 22.0170, 30.5850)
contains.

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Color

**XYZ(26.3880, 21.9277,
30.4454)**

Conversions

Conversions Part 1

Format	Color
Hex	A37293
RGB	163, 114, 147
RGB Percent	64%, 45%, 58%
CMY	0.3608, 0.5529, 0.4235
CMYK	0.00, 0.30, 0.10, 0.36
HSL	320°, 21%, 54%
HSV	320°, 30%, 64%
XYZ	26.3880, 21.9277, 30.4454
YIQ	132.4130, 18.6110, 20.6510

Conversions

Conversions Part 2

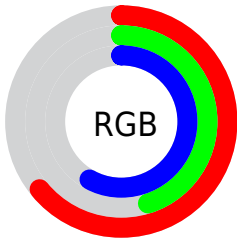
Format	Color
RYB	163, 114, 147
Decimal	10711699
CIELab	53.95, 24.67, -10.18
CIELCh	54, 26.689, 337.580
Yxy	21.9277, 0.3350, 0.2784
Android (android.graphics.Color)	4288901779 (0xFFA37293)
YUV	132.4130, 7.1914, 26.8248
Hunter-Lab	46.8270, 18.6412, -5.7695

Details

The XYZ color **26.3880, 21.9277, 30.4454** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.0668, 31.3841, 25.9097**, and the grayscale version is **22.0519, 23.2003, 25.2651**.

A 20% lighter version of the original color is **53.3923, 46.5496, 61.4292**, and **10.4320, 7.9401, 12.0491** is the 20% darker color. If you saturate the color by 10%, you get **24.3027, 18.4100, 27.7371**, and if you desaturate by 10%, it is **28.8215, 26.1104, 33.3656**.

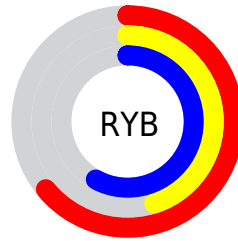
Distribution



Red (64%)

Green (45%)

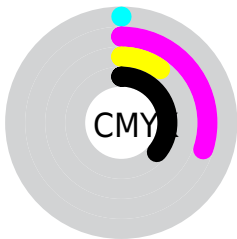
Blue (58%)



Red (64%)

Yellow (45%)

Blue (58%)

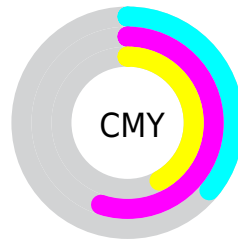


Cyan (0%)

Magenta (30%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3880, 21.9277, 30.4454 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 26.3880, 21.9277, 30.4454 by changing the saturation by 10% instead.

■ 26.3880, 21.9277,
30.4454

■ 26.3880, 21.9277,
30.4454

276.9035,
262.1685, 318.2468

■ 17.2483, 13.8038,
19.9220

■ 53.3271, 46.6265,
61.4351

■ 10.5081, 7.9843,
12.1548

■ 71.8572, 63.9701,
82.7386

■ 5.8020, 4.0849,
6.7254

■ 94.2482, 85.1558,
108.4724

■ 2.7645, 1.7212,
3.2151

■ 120.8654,
110.5679, 139.0552

■ 1.0305, 0.4373,
1.2055

152.0742,
140.5908, 174.9055

■ 0.0000, 0.0000,
0.0000

188.2399,

175.6090, 216.4418

229.7279,
216.0067, 264.0827

■ 26.3880, 21.9277,
30.4454

■ 26.3880, 21.9277,
30.4454

■ 24.3027, 18.4100,
27.7371

■ 28.8215, 26.1104,
33.3656

■ 22.5461, 15.5193,
25.2323

■ 31.6178, 30.9875,
36.5031

■ 21.0996, 13.2187,
22.9236

■ 34.7926, 36.5901,
39.8647

■ 19.9417, 11.4657,
20.8025

■ 38.3606, 42.9467,
43.4563

■ 19.0483, 10.2124,
18.8598

■ 42.3351, 50.0841,
47.2837

■ 18.3909, 9.4025,
17.0844

■ 46.7293, 58.0279,
51.3524

■ 17.9065, 8.9074,
15.4625

■ 51.5556, 66.8024,
55.6676

■ 56.8257, 76.4311,
60.2344

■ 60.7041, 83.2425,
64.4421

Harmonies

Analogous

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



24.4026, 21.9277, 38.7691



26.3880, 21.9277, 30.4454



26.8234, 21.9277, 21.8450

Triad

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



26.3880, 21.9277, 30.4454



20.1200, 21.9277, 11.3579



16.7559, 21.9277, 34.9059

Complementary

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



26.3880, 21.9277, 30.4454



24.0668, 31.3841, 25.9097

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.



15.8227, 21.9277, 26.0282



26.3880, 21.9277, 30.4454



17.6451, 21.9277, 13.3881

Square

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



26.3880, 21.9277, 30.4454



23.0245, 21.9277, 12.0159



16.1326, 21.9277, 18.3261



18.8012, 21.9277, 41.7302

Rectangle

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



26.3880, 21.9277, 30.4454



26.1423, 21.9277, 17.2630



16.1326, 21.9277, 18.3261



16.3108, 21.9277, 31.9919

Sweetspot

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



26.3887, 21.9287, 30.4459



57.1040, 56.3376, 65.8945



21.7610, 19.3878, 37.2459



12.6573, 12.3584, 14.6169



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.3887, 21.9287, 30.4459



44.7232, 34.9785, 51.2783



24.6965, 21.2518, 21.5348



7.2655, 7.1626, 8.3844



13.9380, 6.9313, 12.1302



0.3131, 0.1538, 0.3617

Inverse Universe

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



26.3887, 21.9287, 30.4459



44.7232, 34.9785, 51.2783



25.8715, 32.1060, 35.4132



7.2655, 7.1626, 8.3844



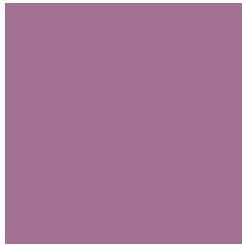
13.9380, 6.9313, 12.1302



0.3131, 0.1538, 0.3617

Previews

White Background



This preview shows how the XYZ color 26.3880, 21.9277, 30.4454 looks on a white background.

Color Contrast Check

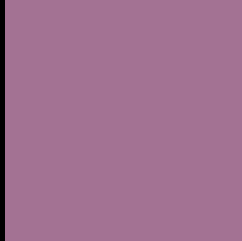
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3880, 21.9277, 30.4454 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 26.3880, 21.9277, 30.4454

Background



This preview shows how black text looks on a background with the XYZ color 26.3880, 21.9277, 30.4454.



This preview shows how white text looks on a background with the XYZ color 26.3880, 21.9277,

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

26.3880, 21.9277, 30.4454

Protanopia

21.8883, 22.0496, 34.5548

Deuteranopia

22.5634, 22.1169, 29.8678



Tritanopia

24.8064, 21.9628, 23.0105

Trichromacy



Original Color

26.3880, 21.9277, 30.4454

Protanomaly

23.3140, 21.8691, 33.1294

Deuteranomaly

23.8249, 22.0141, 30.1876

Tritanomaly

25.3623, 22.0209, 25.4680

Monochromacy



Original Color

26.3880, 21.9277, 30.4454

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1767, 22.3130, 26.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3880, 21.9277, 30.4454 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(163, 114, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 114, 147)  
}
```

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(163, 114, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 114, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.3880, 21.9277, 30.4454 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(163, 114, 147) }
```


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

```
.border{ border-color:rgb(163, 114, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 114, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 114, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 114, 147);  
box-shadow:4px 4px 4px 4px rgb(163, 114,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3880, 21.9277, 30.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 114, 147) }
```

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

```
.background{ background-color: rgb(163,  
114, 147) }
```

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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