

Converting Colors

XYZ(27.6775, 21.5516, 26.3680)

Have a look what the booklet for
XYZ(27.6775, 21.5516, 26.3680)
contains.

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Color

**XYZ(27.6775, 21.5516,
26.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	B06B89
RGB	176, 107, 137
RGB Percent	69%, 42%, 54%
CMY	0.3098, 0.5804, 0.4627
CMYK	0.00, 0.39, 0.22, 0.31
HSL	334°, 30%, 55%
HSV	334°, 39%, 69%
XYZ	27.6775, 21.5516, 26.3680
YIQ	131.0510, 31.4940, 23.9580

Conversions

Conversions Part 2

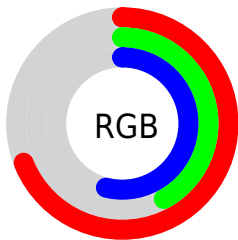
Format	Color
R_{YB}	176, 107, 137
Decimal	11561865
CIE _{Lab}	53.55, 31.63, -4.75
CIE _{LCh}	54, 31.990, 351.457
Yxy	21.5516, 0.3661, 0.2851
Android (android.graphics.Color)	4289751945 (0xFFB06B89)
YUV	131.0510, 2.9329, 39.4203
Hunter-Lab	46.4237, 25.1790, -1.1793

Details

The XYZ color **27.6775, 21.5516, 26.3680** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.7780, 36.2523, 32.7818**, and the grayscale version is **21.5741, 22.6976, 24.7177**.

A 20% lighter version of the original color is **55.4693, 46.1830, 54.7058**, and **11.2594, 7.8518, 9.9389** is the 20% darker color. If you saturate the color by 10%, you get **25.3449, 17.9761, 22.2305**, and if you desaturate by 10%, it is **30.4507, 25.9024, 30.9775**.

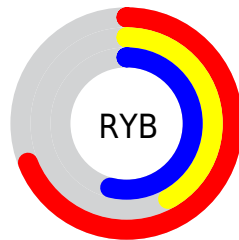
Distribution



Red (69%)

Green (42%)

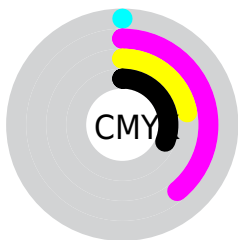
Blue (54%)



Red (69%)

Yellow (42%)

Blue (54%)

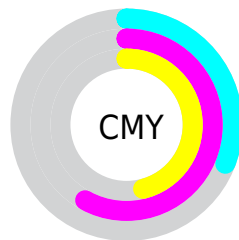


Cyan (0%)

Magenta (39%)

Yellow (22%)

Black (31%)



Cyan (31%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6775, 21.5516, 26.3680 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 27.6775, 21.5516, 26.3680 by changing the saturation by 10% instead.


 27.6775, 21.5516,
26.3680


 27.6775, 21.5516,
26.3680


283.0308,
260.1956, 298.2467


 18.2219, 13.5278,
16.8709


 55.3814, 46.0038,
54.8594


 11.2101, 7.7930,
9.9815


 74.3604, 63.2009,
74.6908

 6.2766, 3.9628,
5.2813


 97.2446, 84.2246,
98.8040

 3.0563, 1.6528,
2.3516

 124.3993,
109.4593, 127.6176

 1.1836, 0.3928,
0.7599

156.1900,
139.2894, 161.5501

 0.0934, 0.0000,
0.0000

192.9818,

 0.0000, 0.0000,

174.0992, 201.0201

0.0000

235.1403,
214.2731, 246.4461

■ 27.6775, 21.5516,
26.3680

■ 27.6775, 21.5516,
26.3680

■ 25.3449, 17.9761,
22.2305

■ 30.4507, 25.9024,
30.9775

■ 23.4263, 15.1264,
18.5467

■ 33.6851, 31.0679,
36.0737

■ 21.8953, 12.9524,
15.2989


■ 37.4023, 37.0884,
41.6719


■ 20.7212, 11.3957,
12.4675


■ 41.6220, 44.0006,
47.7867


■ 19.8684, 10.3884,
10.0304


■ 46.3628, 51.8392,
54.4316


 19.2703, 9.8008,
7.9549

 51.6421, 60.6370,
61.6200

 19.2271, 9.7592,
7.8024

 57.4768, 70.4251,
69.3645

 63.8827, 81.2332,
77.6772

 67.4657, 86.2706,
85.4337

Harmonies

Analogous

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



26.0532, 21.5516, 37.2215



27.6775, 21.5516, 26.3680



27.2136, 21.5516, 17.2446

Triad

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



27.6775, 21.5516, 26.3680



18.1778, 21.5516, 9.9676



16.6637, 21.5516, 41.4334

Complementary

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



27.6775, 21.5516, 26.3680



26.7780, 36.2523, 32.7818

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.



14.9670, 21.5516, 31.0283



27.6775, 21.5516, 26.3680



15.7713, 21.5516, 13.6012

Square

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



27.6775, 21.5516, 26.3680



21.4738, 21.5516, 9.3625



14.6595, 21.5516, 20.7852



19.5253, 21.5516, 47.3690

Rectangle

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



27.6775, 21.5516, 26.3680



25.8024, 21.5516, 13.0989



14.6595, 21.5516, 20.7852



15.9520, 21.5516, 38.2254

Sweetspot

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



27.6781, 21.5526, 26.3684



65.7131, 63.8143, 72.4275



24.7633, 19.6663, 43.5652



14.0538, 13.5258, 15.4157



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.



27.6781, 21.5526, 26.3684



46.5050, 33.4169, 41.3041



26.1837, 21.5419, 16.6891



8.6447, 8.5646, 9.6272



14.1356, 7.1718, 5.8738



0.4742, 0.2374, 0.3401

Inverse Universe

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



27.6781, 21.5526, 26.3684



46.5050, 33.4169, 41.3041



28.7580, 35.9757, 46.5027



8.6447, 8.5646, 9.6272



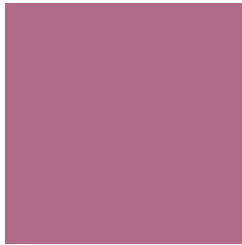
14.1356, 7.1718, 5.8738



0.4742, 0.2374, 0.3401

Previews

White Background



This preview shows how the XYZ color 27.6775, 21.5516, 26.3680 looks on a white background.

Color Contrast Check

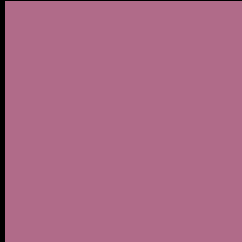
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6775, 21.5516, 26.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

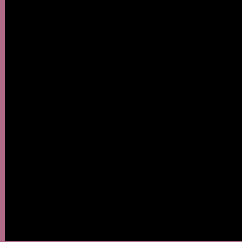
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6775, 21.5516, 26.3680

Background



This preview shows how black text looks on a background with the XYZ color 27.6775, 21.5516, 26.3680.



This preview shows how white text looks on a background with the XYZ color 27.6775, 21.5516,

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

27.6775, 21.5516, 26.3680

Protanopia

21.4066, 21.6658, 31.9078

Deuteranopia

22.1179, 21.7917, 25.5947



Tritanopia

26.3613, 21.4824, 20.2099

Trichromacy



Original Color

27.6775, 21.5516, 26.3680

Protanomaly

23.1550, 21.3169, 29.6822

Deuteranomaly

23.8005, 21.3815, 25.7943

Tritanomaly

26.9137, 21.5576, 22.4812

Monochromacy



Original Color

27.6775, 21.5516, 26.3680

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.2258, 21.8156, 25.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6775, 21.5516, 26.3680 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(176, 107, 137)` looks like.

```
.text, #text, p{  
    color:rgb(176, 107, 137)  
}
```

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(176, 107, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 107, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.6775, 21.5516, 26.3680 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(176, 107, 137) }
```


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

```
.border{ border-color:rgb(176, 107, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 107, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 107, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 107, 137);  
box-shadow:4px 4px 4px 4px rgb(176, 107,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6775, 21.5516, 26.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 107, 137) }
```

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

```
.background{ background-color: rgb(176,  
107, 137) }
```

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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