

Converting Colors

XYZ(26.9570, 20.3919, 24.8009)

Have a look what the booklet for
XYZ(26.9570, 20.3919, 24.8009)
contains.

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Color

**XYZ(26.8895, 20.4263,
24.7157)**

Conversions

Conversions Part 1

Format	Color
Hex	B06685
RGB	176, 102, 133
RGB Percent	69%, 40%, 52%
CMY	0.3098, 0.6000, 0.4784
CMYK	0.00, 0.42, 0.24, 0.31
HSL	335°, 32%, 55%
HSV	335°, 42%, 69%
XYZ	26.8895, 20.4263, 24.7157
YIQ	127.6600, 34.1530, 25.3290

Conversions

Conversions Part 2

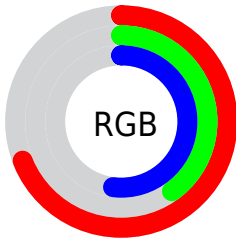
Format	Color
R_{YB}	176, 102, 133
Decimal	11560581
CIE _{Lab}	52.32, 33.77, -4.22
CIE _{LCh}	52, 34.032, 352.883
Yxy	20.4263, 0.3733, 0.2836
Android (android.graphics.Color)	4289750661 (0xFFB06685)
YUV	127.6600, 2.6326, 42.3942
Hunter-Lab	45.1955, 27.1083, -0.7866

Details

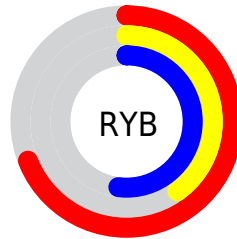
The XYZ color **26.8895, 20.4263, 24.7157** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.1166, 35.9203, 32.3467**, and the grayscale version is **20.3836, 21.4451, 23.3537**.

A 20% lighter version of the original color is **54.0228, 43.9800, 52.0961**, and **10.7134, 7.1610, 9.2051** is the 20% darker color. If you saturate the color by 10%, you get **24.6674, 17.0582, 20.6569**, and if you desaturate by 10%, it is **29.5488, 24.5583, 29.2601**.

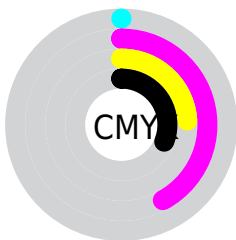
Distribution



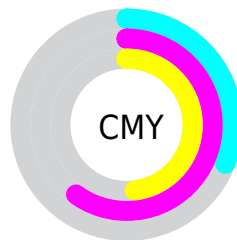
- Red (69%)
- Green (40%)
- Blue (52%)



- Red (69%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (31%)





- Cyan (31%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8895, 20.4263, 24.7157 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 26.8895, 20.4263, 24.7157 by changing the saturation by 10% instead.


 26.8895, 20.4263,
24.7157


 26.8895, 20.4263,
24.7157


279.2990,
254.2137, 289.8213


 17.6264, 12.7053,
15.6483


 54.1276, 44.1308,
52.1540


 10.7802, 7.2259,
9.1240


 72.8334, 60.8830,
71.3620

 5.9854, 3.6038,
4.7242


 95.4174, 81.4145,
94.7872

 2.8768, 1.4545,
2.0305

 122.2451,
106.1095, 122.8483

 1.0889, 0.2564,
0.5739

153.6817,
135.3526, 155.9637

 0.0158, 0.0000,
0.0000

190.0927,

 0.0000, 0.0000,

169.5280, 194.5520

0.0000

231.8433,
209.0203, 239.0317

■ 26.8895, 20.4263,
24.7157

■ 26.8895, 20.4263,
24.7157

■ 24.6674, 17.0582,
20.6569

■ 29.5488, 24.5583,
29.2601

■ 22.8552, 14.4033,
17.0644

■ 32.6669, 29.4947,
34.3061

■ 21.4255, 12.4096,
13.9192


■ 36.2657, 35.2768,
39.8699


■ 20.3462, 11.0163,
11.1999


■ 40.3656, 41.9420,
45.9670


■ 19.5794, 10.1515,
8.8827


■ 44.9853, 49.5257,
52.6120

 19.1313, 9.7209,
7.2980

 50.1430, 58.0610,
59.8189

 55.8557, 67.5796,
67.6011

 62.1396, 78.1118,
75.9716

 67.2619, 86.1891,
84.3602

Harmonies

Analogous

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



25.2922, 20.4263, 36.0203



26.8895, 20.4263, 24.7157



26.3000, 20.4263, 15.5550

Triad

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



26.8895, 20.4263, 24.7157



16.9129, 20.4263, 8.7880



15.6293, 20.4263, 41.4274

Complementary

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



26.8895, 20.4263, 24.7157



26.1166, 35.9203, 32.3467

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.



13.8498, 20.4263, 30.6111



26.8895, 20.4263, 24.7157



14.5264, 20.4263, 12.5179

Square

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



26.8895, 20.4263, 24.7157



20.2605, 20.4263, 8.0714



13.4717, 20.4263, 19.9368



18.5925, 20.4263, 47.3795

Rectangle

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



26.8895, 20.4263, 24.7157



24.7765, 20.4263, 11.5321



13.4717, 20.4263, 19.9368



14.8881, 20.4263, 38.1084

Sweetspot

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



26.8901, 20.4273, 24.7161



64.9538, 62.6556, 71.0652



24.0787, 18.5618, 43.3882



13.7587, 13.0661, 14.9151



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.



26.8901, 20.4273, 24.7161



45.1696, 31.5827, 38.2800



25.5543, 20.6920, 15.2187



8.6391, 8.5624, 9.5979



14.0648, 7.1435, 5.5014



0.4719, 0.2365, 0.3278

Inverse Universe

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



26.8901, 20.4273, 24.7161



45.1696, 31.5827, 38.2800



27.8922, 35.1109, 46.3815



8.6391, 8.5624, 9.5979



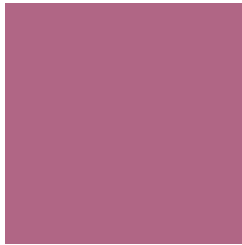
14.0648, 7.1435, 5.5014



0.4719, 0.2365, 0.3278

Previews

White Background



This preview shows how the XYZ color 26.8895, 20.4263, 24.7157 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 26.8895, 20.4263, 24.7157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

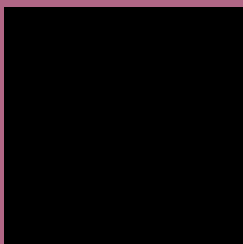
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8895, 20.4263, 24.7157

Background



This preview shows how black text looks on a background with the XYZ color 26.8895, 20.4263, 24.7157.



This preview shows how white text looks on a background with the XYZ color 26.8895, 20.4263,

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

26.8895, 20.4263, 24.7157

Protanopia

20.3593, 20.5868, 30.5044

Deuteranopia

20.8583, 20.4373, 23.9645



Tritanopia

25.5902, 20.4990, 18.2307

Trichromacy



Original Color

26.8895, 20.4263, 24.7157

Protanomaly

22.1124, 20.1065, 28.3067

Deuteranomaly

22.6917, 20.1574, 24.1675

Tritanomaly

26.1209, 20.5732, 20.3636

Monochromacy



Original Color

26.8895, 20.4263, 24.7157

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.3031, 20.8251, 23.9632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8895, 20.4263, 24.7157 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, 102, 133)` looks like.

```
.text, #text, p{  
    color:rgb(176, 102, 133)  
}
```

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, 102, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 102, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.8895, 20.4263, 24.7157 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, 102, 133) }
```


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

```
.border{ border-color:rgb(176, 102, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 102, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 102, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 102, 133);  
box-shadow:4px 4px 4px 4px rgb(176, 102,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8895, 20.4263, 24.7157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 102, 133) }
```

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

```
.background{ background-color: rgb(176,  
102, 133) }
```

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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