

Converting Colors

XYZ(26.6355, 21.8896, 8.6911)

Have a look what the booklet for
XYZ(26.6355, 21.8896, 8.6911)
contains.

XYZ(26.6890, 21.9083, 8.6164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6890, 21.9083,
8.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	B96E46
RGB	185, 110, 70
RGB Percent	73%, 43%, 27%
CMY	0.2745, 0.5686, 0.7255
CMYK	0.00, 0.41, 0.62, 0.27
HSL	21°, 45%, 50%
HSV	21°, 62%, 73%
XYZ	26.6890, 21.9083, 8.6164
YIQ	127.8650, 57.5400, 3.4600

Conversions

Conversions Part 2

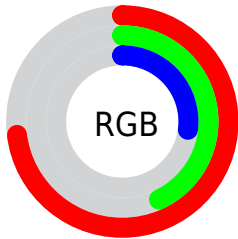
Format	Color
R_{YB}	185, 131, 70
Decimal	12152390
CIE Lab	53.93, 26.00, 34.70
CIE LCh	54, 43.360, 53.162
Yxy	21.9083, 0.4665, 0.3829
Android (android.graphics.Color)	4290342470 (0xFFB96E46)
YUV	127.8650, -28.5274, 50.1074
Hunter-Lab	46.8063, 19.8698, 21.8499

Details

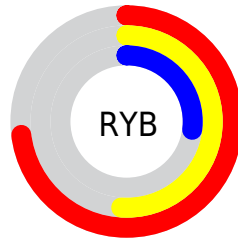
The XYZ color **26.6890, 21.9083, 8.6164** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.4075, 25.0544, 49.6064**, and the grayscale version is **20.5533, 21.6237, 23.5482**.

A 20% lighter version of the original color is **53.9063, 46.5850, 23.6034**, and **10.5860, 7.9155, 1.8340** is the 20% darker color. If you saturate the color by 10%, you get **24.9783, 19.2820, 5.5955**, and if you desaturate by 10%, it is **28.7579, 24.9633, 12.6444**.

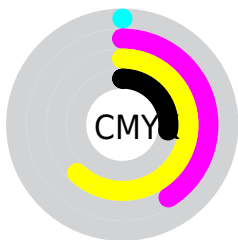
Distribution



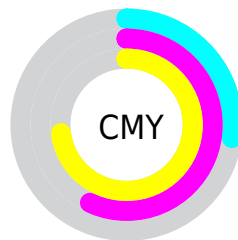
- Red (73%)
- Green (43%)
- Blue (27%)



- Red (73%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (62%)
- Black (27%)





- Cyan (27%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6890, 21.9083, 8.6164 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 26.6890, 21.9083, 8.6164 by changing the saturation by 10% instead.

 26.6890, 21.9083,
8.6164


 26.6890, 21.9083,
8.6164


278.3432,
262.0670, 190.6014


 17.4752, 13.7895,
4.3985


 53.8078, 46.5944,
23.7241


 10.6712, 7.9744,
1.8464


 72.4435, 63.9305,
35.4509

 5.9119, 4.0786,
0.4583

 94.9506, 85.1079,
50.5177

 2.8317, 1.7176,
0.0000

 121.6943,
110.5108, 69.3431

 1.0654, 0.4350,
0.0000

 153.0401,
140.5239, 92.3457

 0.0000, 0.0000,
0.0000

189.3533,

175.5313, 119.9439

230.9992,
215.9176, 152.5563

■ 26.6890, 21.9083,
8.6164

■ 26.6890, 21.9083,
8.6164

■ 24.9783, 19.2820,
5.5955

■ 28.7579, 24.9633,
12.6444

■ 23.5999, 17.0599,
3.4880

■ 31.2050, 28.4631,
17.7595

■ 22.5264, 15.2198,
2.1840

■ 34.0508, 32.4268,
24.0346

■ 21.8610, 14.0212,
1.5542

■ 37.3134, 36.8715,
31.5363

■ 41.0099, 41.8131,
40.3257

■ 45.1564, 47.2672,
50.4601

■ 49.7681, 53.2482,
61.9932

■ 54.8595, 59.7701,
74.9757

■ 60.4442, 66.8465,
89.4559

Harmonies

Analogous

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



30.2261, 21.9083, 15.0958



26.6890, 21.9083, 8.6164



21.9115, 21.9083, 6.3395

Triad

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



26.6890, 21.9083, 8.6164



13.1144, 21.9083, 20.9197



24.5617, 21.9083, 56.2022

Complementary

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



26.6890, 21.9083, 8.6164



21.4075, 25.0544, 49.6064

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.



19.7715, 21.9083, 59.6182



26.6890, 21.9083, 8.6164



13.6057, 21.9083, 35.4770

Square

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



26.6890, 21.9083, 8.6164



14.4273, 21.9083, 11.5121



15.8867, 21.9083, 50.9496



28.8752, 21.9083, 42.8507

Rectangle

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



26.6890, 21.9083, 8.6164



18.8432, 21.9083, 6.5455



15.8867, 21.9083, 50.9496



22.9373, 21.9083, 58.7147

Sweetspot

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



26.6895, 21.9094, 8.6168



68.6352, 68.4680, 60.7296



27.4381, 16.7909, 29.2617



14.4081, 14.2380, 12.1794



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.6895, 21.9094, 8.6168



43.6635, 32.8312, 8.3003



34.7190, 37.9683, 11.2933



9.2533, 9.5095, 9.4547



14.9477, 9.6717, 1.0790



0.5862, 0.4594, 0.0578

Inverse Universe

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



21.4075, 25.0544, 49.6064



33.2969, 38.7403, 87.9273



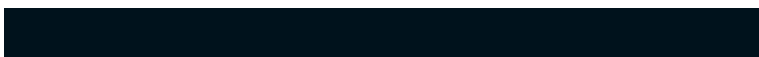
14.8691, 11.9776, 47.4270



8.9966, 9.6704, 11.4718



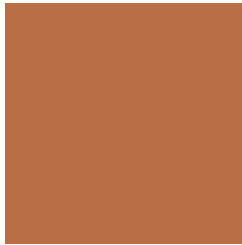
10.6592, 11.7780, 32.9647



0.4313, 0.5262, 1.1806

Previews

White Background



This preview shows how the XYZ color 26.6890, 21.9083, 8.6164 looks on a white background.

Color Contrast Check

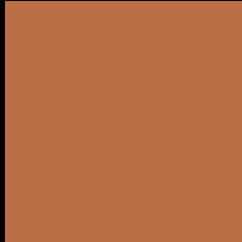
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6890, 21.9083, 8.6164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

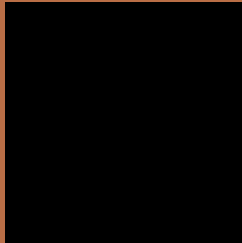
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6890, 21.9083, 8.6164

Background



This preview shows how black text looks on a background with the XYZ color 26.6890, 21.9083, 8.6164.



This preview shows how white text looks on a background with the XYZ color 26.6890, 21.9083,

8.6164.

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

26.6890, 21.9083, 8.6164

Protanopia

20.3451, 21.9871, 10.1928

Deuteranopia

22.3942, 21.9421, 8.3651



Tritanopia

28.7152, 21.9644, 18.0553

Trichromacy



Original Color

26.6890, 21.9083, 8.6164

Protanomaly

22.2961, 21.6826, 9.4886

Deuteranomaly

23.6703, 21.6991, 8.4096

Tritanomaly

27.9089, 21.9433, 14.0738

Monochromacy



Original Color

26.6890, 21.9083, 8.6164

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.8856, 21.1258, 16.8341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6890, 21.9083, 8.6164 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(185, 110, 70)` looks like.

```
.text, #text, p{  
    color:rgb(185, 110, 70)  
}
```

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(185, 110, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 110, 70) }
```

Border

The CSS property to change the border of an element to XYZ 26.6890, 21.9083, 8.6164 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(185, 110, 70) }
```


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

```
.border{ border-color:rgb(185, 110, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 110, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 110, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 110, 70);  
box-shadow:4px 4px 4px 4px rgb(185, 110,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6890, 21.9083, 8.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 110, 70) }
```

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

```
.background{ background-color: rgb(185,  
110, 70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor