

Converting Colors

XYZ(26.1125, 21.0480, 8.6403)

Have a look what the booklet for
XYZ(26.1125, 21.0480, 8.6403)
contains.

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Color

**XYZ(26.0585, 20.9533,
8.6322)**

Conversions

Conversions Part 1

Format	Color
Hex	B86A47
RGB	184, 106, 71
RGB Percent	72%, 42%, 28%
CMY	0.2784, 0.5843, 0.7216
CMYK	0.00, 0.42, 0.61, 0.28
HSL	19°, 44%, 50%
HSV	19°, 61%, 72%
XYZ	26.0585, 20.9533, 8.6322
YIQ	125.3320, 57.7230, 5.6510

Conversions

Conversions Part 2

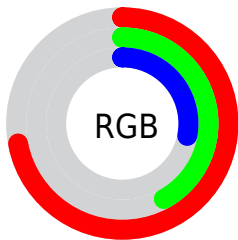
Format	Color
RYB	184, 122, 71
Decimal	12085831
CIELab	52.90, 27.84, 32.87
CIElCh	53, 43.079, 49.736
Yxy	20.9533, 0.4683, 0.3766
Android (android.graphics.Color)	4290275911 (0xFFB86A47)
YUV	125.3320, -26.7857, 51.4518
Hunter-Lab	45.7748, 21.5100, 20.8614

Details

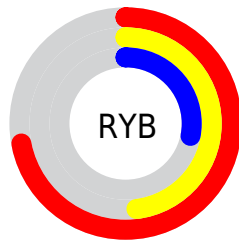
The XYZ color **26.0585, 20.9533, 8.6322** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.9970, 26.2938, 49.2630**, and the grayscale version is **19.6794, 20.7042, 22.5469**.

A 20% lighter version of the original color is **52.9253, 45.0429, 23.6740**, and **10.2538, 7.4365, 1.8722** is the 20% darker color. If you saturate the color by 10%, you get **24.3417, 18.3261, 5.5746**, and if you desaturate by 10%, it is **28.1489, 24.0419, 12.6967**.

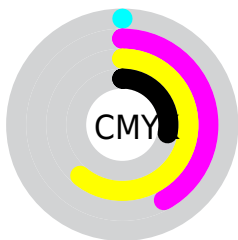
Distribution



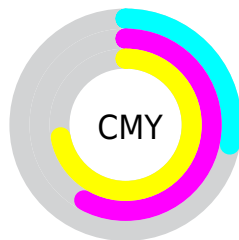
- Red (72%)
- Green (42%)
- Blue (28%)



- Red (72%)
- Yellow (48%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (61%)
- Black (28%)





- Cyan (28%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0585, 20.9533, 8.6322 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 26.0585, 20.9533, 8.6322 by changing the saturation by 10% instead.


 26.0585, 20.9533,
8.6322


 26.0585, 20.9533,
8.6322


275.3206,
257.0302, 190.7258


 17.0003, 13.0899,
4.4085


 52.7999, 45.0098,
23.7551

 10.3300, 7.4905,
1.8520


 71.2139, 61.9717,
35.4914


 5.6823, 3.7707,
0.4620

 93.4772, 82.7351,
50.5691

 2.6917, 1.5461,
0.0000

 119.9551,
107.6846, 69.4066

 0.9929, 0.3209,
0.0000

 151.0131,
137.2044, 92.4225

 0.0000, 0.0000,
0.0000

187.0164,

171.6790, 120.0353

228.3304,
211.4928, 152.6635

■ 26.0585, 20.9533,
8.6322

■ 26.0585, 20.9533,
8.6322

■ 24.3417, 18.3261,
5.5746

■ 28.1489, 24.0419,
12.6967

■ 22.9719, 16.1333,
3.4319

■ 30.6341, 27.6105,
17.8467

■ 21.9205, 14.3499,
2.0969

■ 33.5352, 31.6804,
24.1542

■ 21.2301, 13.1164,
1.4128

■ 36.8713, 36.2706,
31.6846

■ 40.6603, 41.3992,
40.4986

■ 44.9189, 47.0833,
50.6526

■ 49.6632, 53.3392,
62.1996

■ 54.9082, 60.1827,
75.1900

■ 60.6685, 67.6287,
89.6714

Harmonies

Analogous

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



29.2377, 20.9533, 15.4175



26.0585, 20.9533, 8.6322



21.5001, 20.9533, 6.0696

Triad

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



26.0585, 20.9533, 8.6322



12.5468, 20.9533, 18.6714



22.9878, 20.9533, 55.0598

Complementary

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



26.0585, 20.9533, 8.6322



21.9970, 26.2938, 49.2630

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.



18.4107, 20.9533, 56.9904



26.0585, 20.9533, 8.6322



12.8210, 20.9533, 32.2645

Square

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



26.0585, 20.9533, 8.6322



14.0072, 20.9533, 10.2387



14.8228, 20.9533, 47.4794



27.2879, 20.9533, 42.9105

Rectangle

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



26.0585, 20.9533, 8.6322



18.4856, 20.9533, 6.0532



14.8228, 20.9533, 47.4794



21.4173, 20.9533, 57.0637

Sweetspot

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



26.0590, 20.9544, 8.6326



68.8871, 68.5371, 62.1540



27.5335, 16.9022, 30.7077



14.4393, 14.2155, 12.4513



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.



26.0590, 20.9544, 8.6326



43.1045, 31.6096, 8.4333



33.7193, 36.2750, 11.1860



9.2255, 9.4540, 9.4455



14.6879, 9.1522, 0.9924



0.5746, 0.4362, 0.0539

Inverse Universe

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



21.9970, 26.2938, 49.2630



34.9878, 41.9026, 88.4486



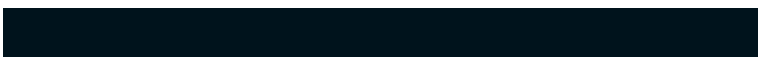
15.2176, 12.7349, 47.0032



9.0256, 9.7285, 11.4815



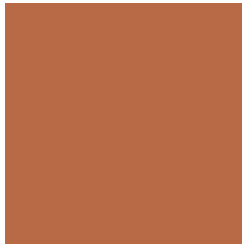
11.2585, 12.9767, 33.1644



0.4492, 0.5621, 1.1866

Previews

White Background



This preview shows how the XYZ color 26.0585, 20.9533, 8.6322 looks on a white background.

Color Contrast Check

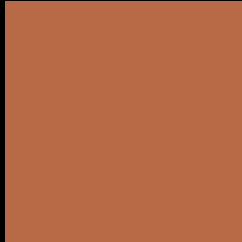
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0585, 20.9533, 8.6322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

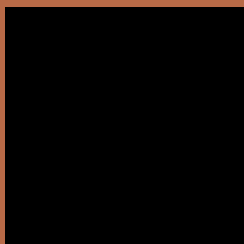
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0585, 20.9533, 8.6322

Background



This preview shows how black text looks on a background with the XYZ color 26.0585, 20.9533, 8.6322.



This preview shows how white text looks on a background with the XYZ color 26.0585, 20.9533,

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

26.0585, 20.9533, 8.6322

Protanopia

19.4819, 21.1465, 10.4520

Deuteranopia

21.3983, 21.0607, 8.4061



Tritanopia

27.6637, 20.8506, 17.0345

Trichromacy



Original Color

26.0585, 20.9533, 8.6322

Protanomaly

21.4189, 20.6840, 9.7010

Deuteranomaly

23.0455, 21.0274, 8.4743

Tritanomaly

26.9234, 20.8410, 13.4302

Monochromacy



Original Color

26.0585, 20.9533, 8.6322

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.8823, 20.0878, 16.1413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0585, 20.9533, 8.6322 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(184, 106, 71)` looks like.

```
.text, #text, p{  
    color:rgb(184, 106, 71)  
}
```

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(184, 106, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 106, 71) }
```

Border

The CSS property to change the border of an element to XYZ 26.0585, 20.9533, 8.6322 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(184, 106, 71) }
```


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

```
.border{ border-color:rgb(184, 106, 71) }
```

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

Here you see how a box with a 4 pixel rgb(184, 106, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 106, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 106, 71);  
box-shadow:4px 4px 4px 4px rgb(184, 106,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0585, 20.9533, 8.6322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 106, 71) }
```

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

```
.background{ background-color: rgb(184,  
106, 71) }
```

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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