

Converting Colors

XYZ(26.5452, 21.6081, 8.6922)

Have a look what the booklet for
XYZ(26.5452, 21.6081, 8.6922)
contains.

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Color

**XYZ(26.6136, 21.7065,
8.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	B96D47
RGB	185, 109, 71
RGB Percent	73%, 43%, 28%
CMY	0.2745, 0.5725, 0.7216
CMYK	0.00, 0.41, 0.62, 0.27
HSL	20°, 45%, 50%
HSV	20°, 62%, 73%
XYZ	26.6136, 21.7065, 8.7483
YIQ	127.3920, 57.4940, 4.2940

Conversions

Conversions Part 2

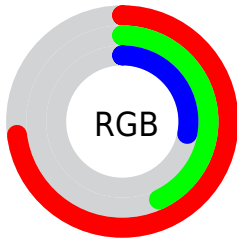
Format	Color
R_{YB}	185, 128, 71
Decimal	12152135
CIE _{Lab}	53.71, 26.62, 33.90
CIE _{LCh}	54, 43.097, 51.859
Yxy	21.7065, 0.4663, 0.3804
Android (android.graphics.Color)	4290342215 (0xFFB96D47)
YUV	127.3920, -27.8013, 50.5222
Hunter-Lab	46.5902, 20.4311, 21.4802

Details

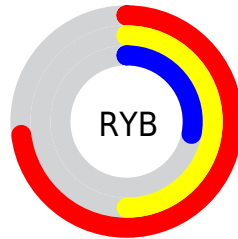
The XYZ color **26.6136, 21.7065, 8.7483** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.7886, 25.7085, 49.7127**, and the grayscale version is **20.3871, 21.4489, 23.3578**.

A 20% lighter version of the original color is **53.7912, 46.2583, 23.8629**, and **10.5437, 7.8139, 1.8722** is the 20% darker color. If you saturate the color by 10%, you get **24.8832, 19.0558, 5.6750**, and if you desaturate by 10%, it is **28.7103, 24.8010, 12.8358**.

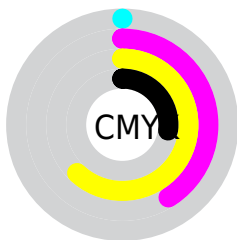
Distribution



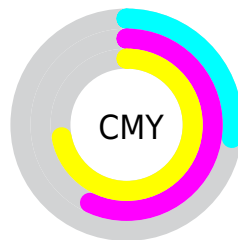
- Red (73%)
- Green (43%)
- Blue (28%)



- Red (73%)
- Yellow (50%)
- Blue (28%)



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





- Cyan (27%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6136, 21.7065, 8.7483 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 26.6136, 21.7065, 8.7483 by changing the saturation by 10% instead.


 26.6136, 21.7065,
8.7483


 26.6136, 21.7065,
8.7483


277.9831,
261.0097, 191.6374


 17.4183, 13.6414,
4.4828


 53.6875, 46.2604,
23.9828


 10.6303, 7.8717,
1.8938


 72.2968, 63.5180,
35.7889


 5.8843, 4.0129,
0.4888

 94.7748, 84.6086,
50.9456

 2.8148, 1.6808,
0.0000

 121.4869,
109.9165, 69.8715

 1.0566, 0.4112,
0.0000

 152.7984,
139.8262, 92.9851

 0.0000, 0.0000,
0.0000

189.0747,

174.7220, 120.7049

230.6812,
214.9884, 153.4495

■ 26.6136, 21.7065,
8.7483

■ 26.6136, 21.7065,
8.7483

■ 24.8832, 19.0558,
5.6750

■ 28.7103, 24.8010,
12.8358

■ 23.4931, 16.8233,
3.5225

■ 31.1940, 28.3562,
18.0169

■ 22.4152, 14.9859,
2.1820

■ 34.0852, 32.3923,
24.3645

■ 21.7125, 13.7242,
1.5047

■ 37.4026, 36.9270,
31.9448

■ 41.1637, 41.9772,
40.8190

■ 45.3848, 47.5590,
51.0443

■ 50.0814, 53.6876,
62.6743

■ 55.2684, 60.3778,
75.7597

■ 60.9597, 67.6436,
90.3487

Harmonies

Analogous

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



30.0153, 21.7065, 15.3764



26.6136, 21.7065, 8.7483



21.9141, 21.7065, 6.3439

Triad

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



26.6136, 21.7065, 8.7483



13.0325, 21.7065, 20.2145



24.1162, 21.7065, 55.9521

Complementary

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



26.6136, 21.7065, 8.7483



21.7886, 25.7085, 49.7127

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.



19.3998, 21.7065, 58.7906



26.6136, 21.7065, 8.7483



13.4407, 21.7065, 34.4203

Square

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



26.6136, 21.7065, 8.7483



14.4076, 21.7065, 11.1540



15.6203, 21.7065, 49.7982



28.4302, 21.7065, 43.0690

Rectangle

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



26.6136, 21.7065, 8.7483



18.8603, 21.7065, 6.4638



15.6203, 21.7065, 49.7982



22.5100, 21.7065, 58.2662

Sweetspot

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



26.6141, 21.7076, 8.7487



69.1392, 69.0412, 62.2380



27.5273, 16.9275, 29.4204



14.5004, 14.3378, 12.4717



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.



26.6141, 21.7076, 8.7487



43.6046, 32.6098, 8.6000



34.7811, 38.0417, 11.4710



9.2427, 9.4884, 9.4512



14.8450, 9.4663, 1.0448



0.5818, 0.4506, 0.0563

Inverse Universe

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



21.7886, 25.7085, 49.7127



34.1264, 40.1799, 88.1615



15.0118, 12.1549, 47.4538



9.0076, 9.6925, 11.4755



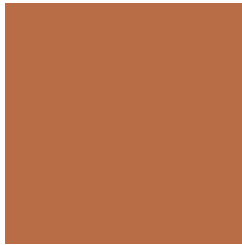
10.8822, 12.2242, 33.0390



0.4380, 0.5397, 1.1828

Previews

White Background



This preview shows how the XYZ color 26.6136, 21.7065, 8.7483 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 26.6136, 21.7065, 8.7483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

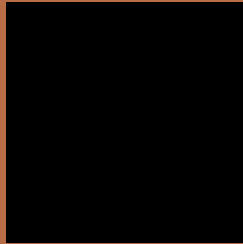
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6136, 21.7065, 8.7483

Background



This preview shows how black text looks on a background with the XYZ color 26.6136, 21.7065, 8.7483.



This preview shows how white text looks on a background with the XYZ color 26.6136, 21.7065,

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

26.6136, 21.7065, 8.7483

Protanopia

20.2099, 21.9133, 10.3722

Deuteranopia

22.2269, 21.8524, 8.5153



Tritanopia

28.6140, 21.7618, 18.0216

Trichromacy



Original Color

26.6136, 21.7065, 8.7483

Protanomaly

22.1342, 21.5952, 9.6583

Deuteranomaly

23.7011, 21.7114, 8.5718

Tritanomaly

27.8052, 21.7359, 14.0392

Monochromacy



Original Color

26.6136, 21.7065, 8.7483

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.5831, 20.7904, 16.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6136, 21.7065, 8.7483 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, 109, 71)` looks like.

```
.text, #text, p{  
    color:rgb(185, 109, 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(185, 109, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 109, 71) }
```

Border

The CSS property to change the border of an element to XYZ 26.6136, 21.7065, 8.7483 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, 109, 71) }
```


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

```
.border{ border-color:rgb(185, 109, 71) }
```

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

Here you see how a box with a 4 pixel rgb(185, 109, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 109, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 109, 71);  
box-shadow:4px 4px 4px 4px rgb(185, 109,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6136, 21.7065, 8.7483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 109, 71) }
```

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

```
.background{ background-color: rgb(185,  
109, 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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