

Converting Colors

XYZ(26.3175, 21.0840, 5.4941)

Have a look what the booklet for
XYZ(26.3175, 21.0840, 5.4941)
contains.

XYZ(26.4266, 21.2128, 5.4980)	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(26.4266, 21.2128,
5.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6A30
RGB	188, 106, 48
RGB Percent	74%, 42%, 19%
CMY	0.2627, 0.5843, 0.8118
CMYK	0.00, 0.44, 0.74, 0.26
HSL	25°, 59%, 46%
HSV	25°, 74%, 74%
XYZ	26.4266, 21.2128, 5.4980
YIQ	123.9060, 67.4900, -0.6540

Conversions

Conversions Part 2

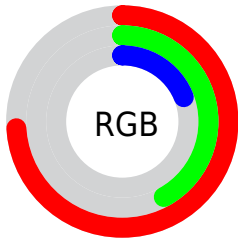
Format	Color
R_{YB}	188, 147, 48
Decimal	12347952
CIE Lab	53.18, 28.14, 45.36
CIE LCh	53, 53.378, 58.180
Yxy	21.2128, 0.4973, 0.3992
Android (android.graphics.Color)	4290538032 (0xFFBC6A30)
YUV	123.9060, -37.4217, 56.2104
Hunter-Lab	46.0574, 21.8186, 25.1625

Details

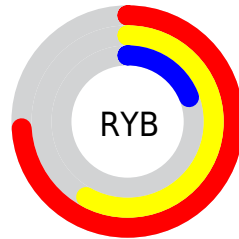
The XYZ color **26.4266, 21.2128, 5.4980** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.2782, 20.2236, 50.5169**, and the grayscale version is **19.2324, 20.2340, 22.0348**.

A 20% lighter version of the original color is **53.4515, 45.4565, 17.2660**, and **10.5164, 7.5934, 0.9114** is the 20% darker color. If you saturate the color by 10%, you get **25.0549, 18.9645, 3.5155**, and if you desaturate by 10%, it is **28.1093, 23.8206, 8.3954**.

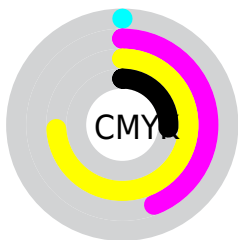
Distribution



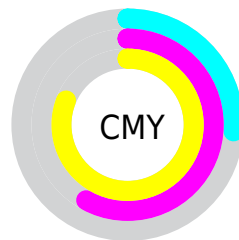
- Red (74%)
- Green (42%)
- Blue (19%)



- Red (74%)
- Yellow (58%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (26%)





- Cyan (26%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4266, 21.2128, 5.4980 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 26.4266, 21.2128, 5.4980 by changing the saturation by 10% instead.


 26.4266, 21.2128,
5.4980

 26.4266, 21.2128,
5.4980


277.0884,
258.4073, 163.6507


 17.2774, 13.2796,
2.4785


 53.3888, 45.4414,
17.3390

 10.5290, 7.6214,
0.8287


 71.9325, 62.5057,
26.9976


 5.8160, 3.8537,
0.0000

 94.3384, 83.3824,
39.7063

 2.7731, 1.5920,
0.0000

 120.9718,
108.4560, 55.8837

 1.0350, 0.3522,
0.0000

 152.1982,
138.1109, 75.9483

 0.0000, 0.0000,
0.0000

 188.3829,

172.7315, 100.3187

229.8912,
212.7022, 129.4133

■ 26.4266, 21.2128,
5.4980

■ 26.4266, 21.2128,
5.4980

■ 25.0549, 18.9645,
3.5155

■ 28.1093, 23.8206,
8.3954

■ 23.9650, 17.0522,
2.3271

■ 30.1254, 26.8022,
12.3059

■ 23.4556, 16.1247,
1.8761

■ 32.4962, 30.1752,
17.3157

■ 35.2409, 33.9547,
23.5018

■ 38.3769, 38.1549,
30.9339

■ 41.9204, 42.7894,
39.6765

■ 45.8869, 47.8709,
49.7892

■ 50.2907, 53.4117,
61.3283

■ 55.1456, 59.4235,
74.3468

Harmonies

Analogous

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



31.2911, 21.2128, 11.3303



26.4266, 21.2128, 5.4980



20.5080, 21.2128, 3.9000

Triad

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



26.4266, 21.2128, 5.4980



11.1610, 21.2128, 22.1262



25.7196, 21.2128, 62.6298

Complementary

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



26.4266, 21.2128, 5.4980



18.2782, 20.2236, 50.5169

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.



19.8202, 21.2128, 70.0194



26.4266, 21.2128, 5.4980



12.0449, 21.2128, 41.0533

Square

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



26.4266, 21.2128, 5.4980



12.2905, 21.2128, 10.3020



14.9752, 21.2128, 60.7341



30.8324, 21.2128, 43.6076

Rectangle

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



26.4266, 21.2128, 5.4980



16.9692, 21.2128, 4.3871



14.9752, 21.2128, 60.7341



23.7324, 21.2128, 66.8587

Sweetspot

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



26.4271, 21.2139, 5.4984



70.8433, 70.8537, 59.2002



25.9609, 14.4714, 23.2550



14.8792, 14.7675, 11.8681



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.4271, 21.2139, 5.4984



44.1676, 32.2236, 4.9244



36.4085, 41.1768, 8.8255



9.8461, 10.1683, 10.0204



16.0396, 11.1179, 1.3006



0.6929, 0.5648, 0.0725

Inverse Universe

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



18.2782, 20.2236, 50.5169



28.5446, 30.0996, 90.5316



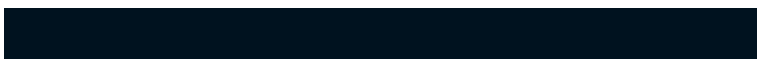
12.0188, 7.7047, 48.4304



9.4682, 10.1287, 12.1282



10.0592, 10.2301, 33.8373



0.4571, 0.5269, 1.3465

Previews

White Background



This preview shows how the XYZ color 26.4266, 21.2128, 5.4980 looks on a white background.

Color Contrast Check

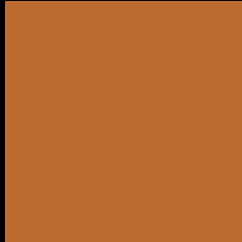
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4266, 21.2128, 5.4980 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 26.4266, 21.2128, 5.4980

Background



This preview shows how black text looks on a background with the XYZ color 26.4266, 21.2128, 5.4980.



This preview shows how white text looks on a background with the XYZ color 26.4266, 21.2128,

5.4980.

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

26.4266, 21.2128, 5.4980

Protanopia

19.5404, 21.4555, 6.6015

Deuteranopia

21.5901, 21.2275, 5.3423



Tritanopia

28.6969, 21.2522, 16.4995

Trichromacy



Original Color

26.4266, 21.2128, 5.4980

Protanomaly

21.6344, 21.0518, 6.1720

Deuteranomaly

23.2966, 21.2263, 5.3518

Tritanomaly

27.6663, 21.1218, 11.4228

Monochromacy



Original Color

26.4266, 21.2128, 5.4980

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5052, 19.7702, 13.8016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4266, 21.2128, 5.4980 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(188, 106, 48)` looks like.

```
.text, #text, p{  
    color:rgb(188, 106, 48)  
}
```

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(188, 106, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 106, 48) }
```

Border

The CSS property to change the border of an element to XYZ 26.4266, 21.2128, 5.4980 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(188, 106, 48) }
```


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

```
.border{ border-color:rgb(188, 106, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 106, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 106, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 106, 48);  
box-shadow:4px 4px 4px 4px rgb(188, 106,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4266, 21.2128, 5.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 106, 48) }
```

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

```
.background{ background-color: rgb(188,  
106, 48) }
```

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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