

Converting Colors

XYZ(26.8026, 21.7440, 5.4909)

Have a look what the booklet for
XYZ(26.8026, 21.7440, 5.4909)
contains.

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Color

**XYZ(26.8619, 21.7492,
5.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6C2F
RGB	189, 108, 47
RGB Percent	74%, 42%, 18%
CMY	0.2588, 0.5764, 0.8157
CMYK	0.00, 0.43, 0.75, 0.26
HSL	26°, 60%, 46%
HSV	26°, 75%, 74%
XYZ	26.8619, 21.7492, 5.4716
YIQ	125.2650, 67.8570, -1.7990

Conversions

Conversions Part 2

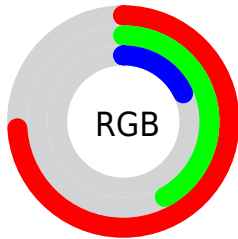
Format	Color
R _{YB}	189, 154, 47
Decimal	12413999
CIE _{Lab}	53.76, 27.43, 46.47
CIE _{LCh}	54, 53.965, 59.445
Y _{xy}	21.7492, 0.4967, 0.4021
Android (android.graphics.Color)	4290604079 (0xFFBD6C2F)
YUV	125.2650, -38.5846, 55.8956
Hunter-Lab	46.6360, 21.2012, 25.6890

Details

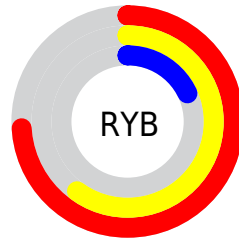
The XYZ color **26.8619, 21.7492, 5.4716** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.0762, 19.7157, 50.9965**, and the grayscale version is **19.6930, 20.7186, 22.5626**.

A 20% lighter version of the original color is **54.1528, 46.3287, 17.3974**, and **10.7699, 7.8738, 0.9522** is the 20% darker color. If you saturate the color by 10%, you get **25.4925, 19.4942, 3.5242**, and if you desaturate by 10%, it is **28.5380, 24.3537, 8.3358**.

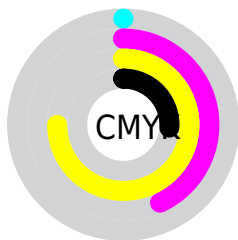
Distribution



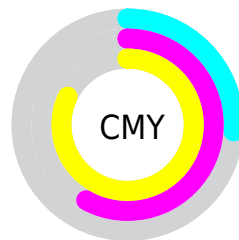
- Red (74%)
- Green (42%)
- Blue (18%)



- Red (74%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (43%)
- Yellow (75%)
- Black (26%)





- Cyan (26%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8619, 21.7492, 5.4716 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 26.8619, 21.7492, 5.4716 by changing the saturation by 10% instead.


 26.8619, 21.7492,
5.4716


 26.8619, 21.7492,
5.4716


279.1676,
261.2337, 163.3969


 17.6056, 13.6727,
2.4630


 54.0836, 46.3311,
17.2822

 10.7652, 7.8934,
0.8205


 72.7798, 63.6054,
26.9213

 5.9753, 4.0268,
0.0000


 95.3532, 84.7143,
39.6076

 2.8706, 1.6886,
0.0000

 122.1693,
110.0424, 55.7598

 1.0857, 0.4162,
0.0000

 153.5935,
139.9740, 75.7962

 0.0131, 0.0000,
0.0000

 189.9910,

 0.0000, 0.0000,

174.8935, 100.1355

0.0000

231.7272,
215.1853, 129.1962

■ 26.8619, 21.7492,
5.4716

■ 26.8619, 21.7492,
5.4716

■ 25.4925, 19.4942,
3.5242

■ 28.5380, 24.3537,
8.3358

■ 24.3999, 17.5658,
2.3688

■ 30.5430, 27.3216,
12.2170

■ 23.9431, 16.7328,
1.9678

■ 32.8985, 30.6698,
17.2034

■ 35.6234, 34.4130,
23.3733

■ 38.7352, 38.5648,
30.7977

■ 42.2502, 43.1383,
39.5420

■ 46.1835, 48.1459,
49.6669

■ 50.5495, 53.5994,
61.2295

■ 55.3618, 59.5100,
74.2836

Harmonies

Analogous

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



31.9579, 21.7492, 11.2135



26.8619, 21.7492, 5.4716



20.7799, 21.7492, 3.9690

Triad

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



26.8619, 21.7492, 5.4716



11.4203, 21.7492, 23.3740



26.6403, 21.7492, 63.6971

Complementary

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



26.8619, 21.7492, 5.4716



18.0762, 19.7157, 50.9965

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.



20.5644, 21.7492, 71.9941



26.8619, 21.7492, 5.4716



12.4156, 21.7492, 43.0613

Square

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



26.8619, 21.7492, 5.4716



12.4924, 21.7492, 10.8920



15.5144, 21.7492, 63.1022



31.8141, 21.7492, 43.8623

Rectangle

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



26.8619, 21.7492, 5.4716



17.1837, 21.7492, 4.5472



15.5144, 21.7492, 63.1022



24.6030, 21.7492, 68.2485

Sweetspot

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



26.8624, 21.7503, 5.4720



70.4322, 70.4589, 57.7455



26.0208, 14.4592, 22.4801



14.6851, 14.5446, 11.2937



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.



26.8624, 21.7503, 5.4720



44.3689, 32.6696, 4.8579



37.2542, 42.5339, 8.9359



9.8581, 10.1923, 10.0244



16.1826, 11.4040, 1.3483



0.6989, 0.5767, 0.0745

Inverse Universe

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



18.0762, 19.7157, 50.9965



27.7690, 28.6404, 90.2908



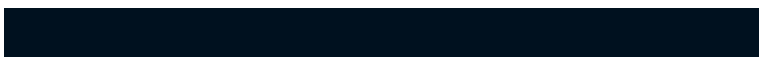
11.9131, 7.3895, 48.9421



9.4560, 10.1042, 12.1241



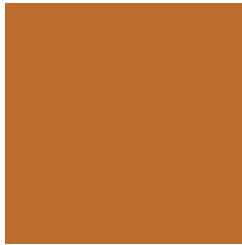
9.8514, 9.8145, 33.7681



0.4496, 0.5119, 1.3440

Previews

White Background



This preview shows how the XYZ color 26.8619, 21.7492, 5.4716 looks on a white background.

Color Contrast Check

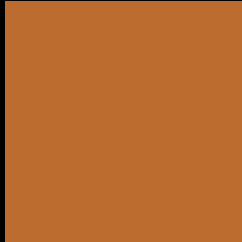
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8619, 21.7492, 5.4716 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 26.8619, 21.7492, 5.4716

Background



This preview shows how black text looks on a background with the XYZ color 26.8619, 21.7492, 5.4716.



This preview shows how white text looks on a background with the XYZ color 26.8619, 21.7492,

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

26.8619, 21.7492, 5.4716

Protanopia

19.9945, 21.8868, 6.5389

Deuteranopia

22.0935, 21.6706, 5.3039



Tritanopia

29.1522, 21.6180, 17.1042

Trichromacy



Original Color

26.8619, 21.7492, 5.4716

Protanomaly

21.9321, 21.3873, 6.1042

Deuteranomaly

23.6105, 21.5624, 5.3004

Tritanomaly

28.1159, 21.6489, 11.5009

Monochromacy



Original Color

26.8619, 21.7492, 5.4716

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.9672, 20.3526, 14.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8619, 21.7492, 5.4716 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(189, 108, 47)` looks like.

```
.text, #text, p{  
    color:rgb(189, 108, 47)  
}
```

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(189, 108, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 108, 47) }
```

Border

The CSS property to change the border of an element to XYZ 26.8619, 21.7492, 5.4716 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(189, 108, 47) }
```


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

```
.border{ border-color:rgb(189, 108, 47) }
```

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

Here you see how a box with a 4 pixel rgb(189, 108, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 108, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 108, 47);  
box-shadow:4px 4px 4px 4px rgb(189, 108,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8619, 21.7492, 5.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 108, 47) }
```

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

```
.background{ background-color: rgb(189,  
108, 47) }
```

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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