

Converting Colors

XYZ(27.2667, 21.7148, 9.4109)

Have a look what the booklet for
XYZ(27.2667, 21.7148, 9.4109)
contains.

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Color

**XYZ(27.2667, 21.7148,
9.4109)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6B4B
RGB	188, 107, 75
RGB Percent	74%, 42%, 29%
CMY	0.2627, 0.5804, 0.7059
CMYK	0.00, 0.43, 0.60, 0.26
HSL	17°, 46%, 52%
HSV	17°, 60%, 74%
XYZ	27.2667, 21.7148, 9.4109
YIQ	127.5710, 58.5480, 7.2200

Conversions

Conversions Part 2

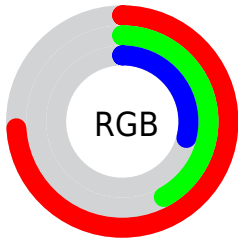
Format	Color
R _{YB}	188, 120, 75
Decimal	12348235
CIE Lab	53.72, 29.23, 31.78
CIE LCh	54, 43.183, 47.396
Yxy	21.7148, 0.4670, 0.3719
Android (android.graphics.Color)	4290538315 (0xFFBC6B4B)
YUV	127.5710, -25.9175, 52.9962
Hunter-Lab	46.5991, 22.8978, 20.6455

Details

The XYZ color **27.2667, 21.7148, 9.4109** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.8663, 28.9018, 51.8973**, and the grayscale version is **20.4425, 21.5071, 23.4213**.

A 20% lighter version of the original color is **54.7476, 46.2080, 25.1023**, and **10.9533, 7.8657, 2.1692** is the 20% darker color. If you saturate the color by 10%, you get **25.4187, 18.9010, 6.0758**, and if you desaturate by 10%, it is **29.5248, 25.0448, 13.8210**.

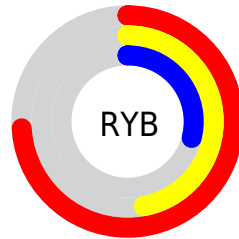
Distribution



Red (74%)

Green (42%)

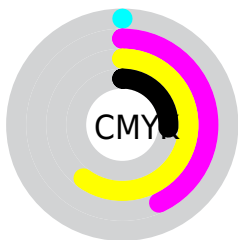
Blue (29%)



Red (74%)

Yellow (47%)

Blue (29%)

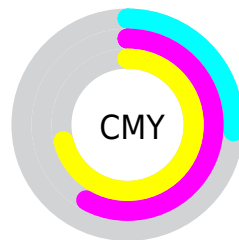


Cyan (0%)

Magenta (43%)

Yellow (60%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2667, 21.7148, 9.4109 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 27.2667, 21.7148, 9.4109 by changing the saturation by 10% instead.

 27.2667, 21.7148,
9.4109


 27.2667, 21.7148,
9.4109


281.0902,
261.0533, 196.7438


 17.9112, 13.6475,
4.9097


 54.7284, 46.2742,
25.2717


 10.9856, 7.8759,
2.1366


 73.5654, 63.5350,
37.4683

 6.1244, 4.0156,
0.6374


 96.2936, 84.6292,
53.0672

 2.9622, 1.6823,
0.0000

 123.2783,
109.9410, 72.4868

 1.1338, 0.4122,
0.0000

 154.8850,
139.8550, 96.1457

 0.0531, 0.0000,
0.0000

191.4790,

 0.0000, 0.0000,

174.7554, 124.4625

0.0000

233.4256,
215.0267, 157.8557

■ 27.2667, 21.7148,
9.4109

■ 27.2667, 21.7148,
9.4109

■ 25.4187, 18.9010,
6.0758

■ 29.5248, 25.0448,
13.8210

■ 23.9519, 16.5728,
3.7200

■ 32.2161, 28.9127,
19.3880

■ 22.8353, 14.7015,
2.2325

■ 35.3638, 33.3428,
26.1875

■ 22.0233, 13.2601,
1.3987

■ 38.9886, 38.3569,
34.2878

■ 43.1103, 43.9757,
43.7526

■ 47.7472, 50.2189,
54.6412

■ 52.9168, 57.1051,
67.0093

■ 58.6356, 64.6523,
80.9098

■ 64.9197, 72.8775,
96.3929

Harmonies

Analogous

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



30.3466, 21.7148, 16.8148



27.2667, 21.7148, 9.4109



22.6422, 21.7148, 6.4762

Triad

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



27.2667, 21.7148, 9.4109



13.1173, 21.7148, 18.5080



23.4151, 21.7148, 57.2459

Complementary

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



27.2667, 21.7148, 9.4109



23.8663, 28.9018, 51.8973

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.



18.7580, 21.7148, 58.2458



27.2667, 21.7148, 9.4109



13.2602, 21.7148, 32.1089

Square

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



27.2667, 21.7148, 9.4109



14.7589, 21.7148, 10.2497



15.1835, 21.7148, 47.7942



27.9048, 21.7148, 45.4264

Rectangle

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



27.2667, 21.7148, 9.4109



19.5151, 21.7148, 6.3081



15.1835, 21.7148, 47.7942



21.8058, 21.7148, 58.9823

Sweetspot

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



27.2672, 21.7159, 9.4113



71.9467, 71.2786, 65.0618



29.4151, 18.1876, 34.2477



15.0300, 14.7218, 12.9887



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.



27.2672, 21.7159, 9.4113



45.1799, 32.8673, 9.5191



34.8647, 36.9109, 11.9438



9.7443, 9.9646, 9.9864



15.0502, 9.1392, 0.9708



0.6472, 0.4733, 0.0572

Inverse Universe

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



23.8663, 28.9018, 51.8973



38.3608, 46.8048, 93.2386



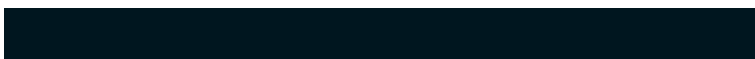
16.6682, 14.5056, 49.4979



9.5740, 10.3403, 12.1635



12.1212, 14.3541, 34.5247



0.5277, 0.6681, 1.3700

Previews

White Background



This preview shows how the XYZ color 27.2667, 21.7148, 9.4109 looks on a white background.

Color Contrast Check

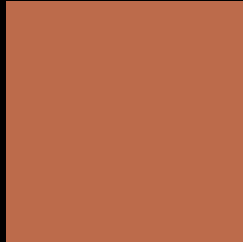
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2667, 21.7148, 9.4109 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 27.2667, 21.7148, 9.4109

Background



This preview shows how black text looks on a background with the XYZ color 27.2667, 21.7148, 9.4109.



This preview shows how white text looks on a background with the XYZ color 27.2667, 21.7148,

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

27.2667, 21.7148, 9.4109

Protanopia

20.2268, 21.9005, 11.3448

Deuteranopia

22.1573, 21.8019, 9.1713



Tritanopia

28.8999, 21.7734, 17.4314

Trichromacy



Original Color

27.2667, 21.7148, 9.4109

Protanomaly

22.1900, 21.4220, 10.5547

Deuteranomaly

23.7123, 21.5284, 9.2090

Tritanomaly

28.0942, 21.5825, 13.9944

Monochromacy



Original Color

27.2667, 21.7148, 9.4109

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0545, 21.0211, 17.3631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2667, 21.7148, 9.4109 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, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(188, 107, 75)  
}
```

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, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 107, 75) }
```

Border

The CSS property to change the border of an element to XYZ 27.2667, 21.7148, 9.4109 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, 107, 75) }
```


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

```
.border{ border-color:rgb(188, 107, 75) }
```

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

Here you see how a box with a 4 pixel rgb(188, 107, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(188, 107,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2667, 21.7148, 9.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 107, 75) }
```

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

```
.background{ background-color: rgb(188,  
107, 75) }
```

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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