

Converting Colors

XYZ(27.3814, 21.0179, 14.8382)

Have a look what the booklet for
XYZ(27.3814, 21.0179, 14.8382)
contains.

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Color

**XYZ(27.4489, 21.0792,
14.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6765
RGB	186, 103, 101
RGB Percent	73%, 40%, 40%
CMY	0.2706, 0.5961, 0.6039
CMYK	0.00, 0.45, 0.46, 0.27
HSL	1°, 38%, 56%
HSV	1°, 46%, 73%
XYZ	27.4489, 21.0792, 14.9339
YIQ	127.5890, 50.1100, 16.9740

Conversions

Conversions Part 2

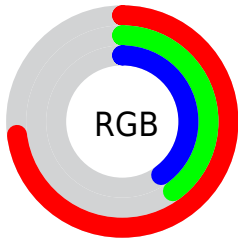
Format	Color
R _Y B	186, 103, 101
Decimal	12216165
CIE Lab	53.04, 32.93, 15.89
CIE LCh	53, 36.558, 25.756
Yxy	21.0792, 0.4325, 0.3322
Android (android.graphics.Color)	4290406245 (0xFFBA6765)
YUV	127.5890, -13.1084, 51.2264
Hunter-Lab	45.9121, 26.3715, 12.8531

Details

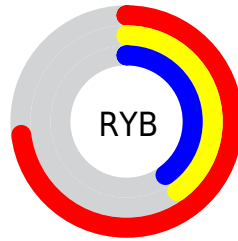
The XYZ color **27.4489, 21.0792, 14.9339** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.3693, 40.5908, 52.6357**, and the grayscale version is **20.4079, 21.4707, 23.3816**.

A 20% lighter version of the original color is **55.0450, 45.1222, 35.5140**, and **10.9922, 7.4797, 4.3544** is the 20% darker color. If you saturate the color by 10%, you get **25.0242, 17.5269, 10.1270**, and if you desaturate by 10%, it is **30.4733, 25.5008, 20.9586**.

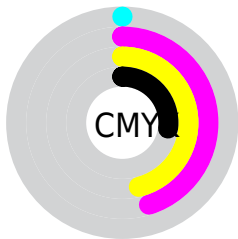
Distribution



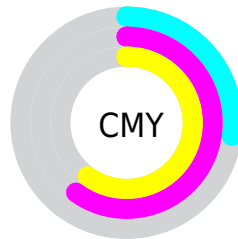
- Red (73%)
- Green (40%)
- Blue (40%)



- Red (73%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (46%)
- Black (27%)





- Cyan (27%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4489, 21.0792, 14.9339 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 27.4489, 21.0792, 14.9339 by changing the saturation by 10% instead.


 27.4489, 21.0792,
14.9339


 27.4489, 21.0792,
14.9339


281.9522,
257.6991, 234.5928

 18.0490, 13.1819,
8.6269


 55.0182, 45.2193,
35.4778


 11.0851, 7.5539,
4.4052


 73.9183, 62.2309,
50.5519

 6.1918, 3.8109,
1.8501


 96.7158, 83.0494,
69.3853

 3.0038, 1.5683,
0.4607

 123.7761,
108.0592, 92.3967

 1.1558, 0.3361,
0.0000

155.4645,
137.6447, 120.0046

 0.0710, 0.0000,
0.0000

192.1464,

 0.0000, 0.0000,

172.1902, 152.6276

0.0000

234.1872,
212.0802, 190.6841

■ 27.4489, 21.0792,
14.9339

■ 27.4489, 21.0792,
14.9339

■ 25.0242, 17.5269,
10.1270

■ 30.4733, 25.5008,
20.9586

■ 23.1577, 14.7837,
6.4538

■ 34.1318, 30.8403,
28.2749

■ 21.8056, 12.7869,
3.8218


■ 38.4584, 37.1465,
36.9522


■ 20.9163, 11.4633,
2.1231

■ 43.4839, 44.4639,
47.0546


■ 20.4274, 10.7244,
1.2231


■ 49.2373, 52.8341,
58.6423

 20.2972, 10.5343,
0.9635

 55.7460, 62.2965,
71.7717

 63.0361, 72.8885,
86.4965

 71.1321, 84.6456,
102.8678

 74.0596, 89.1791,
107.9177

Harmonies

Analogous

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



28.3383, 21.0792, 24.5526



27.4489, 21.0792, 14.9339



24.4843, 21.0792, 9.5326

Triad

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



27.4489, 21.0792, 14.9339



14.5299, 21.0792, 12.9895



19.4936, 21.0792, 51.1612

Complementary

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



27.4489, 21.0792, 14.9339



31.3693, 40.5908, 52.6357

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.



16.1605, 21.0792, 45.2480



27.4489, 21.0792, 14.9339



13.5365, 21.0792, 21.4219

Square

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



27.4489, 21.0792, 14.9339



16.9946, 21.0792, 8.6876



14.0932, 21.0792, 33.4224



23.4183, 21.0792, 47.7536

Rectangle

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



27.4489, 21.0792, 14.9339



21.9075, 21.0792, 7.9504



14.0932, 21.0792, 33.4224



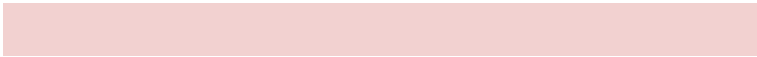
18.2726, 21.0792, 50.1574

Sweetspot

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



27.4494, 21.0803, 14.9343



70.9638, 69.1592, 69.4997



33.6164, 23.2318, 48.3809



15.2204, 14.6371, 14.4876



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.



27.4494, 21.0803, 14.9343



45.2761, 31.6485, 18.1940



32.7113, 31.6041, 16.6883



9.0211, 9.0452, 9.3773



13.6632, 7.1027, 0.6508



0.4874, 0.2619, 0.0249

Inverse Universe

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



31.3693, 40.5908, 52.6357



53.2708, 71.4739, 95.1896



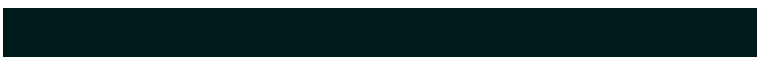
23.9153, 25.6828, 50.1510



9.2480, 10.1733, 11.5557



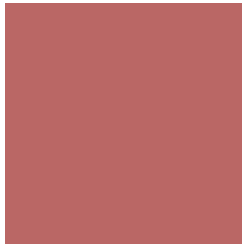
17.1717, 24.8030, 35.1355



0.6111, 0.8859, 1.2405

Previews

White Background



This preview shows how the XYZ color 27.4489, 21.0792, 14.9339 looks on a white background.

Color Contrast Check

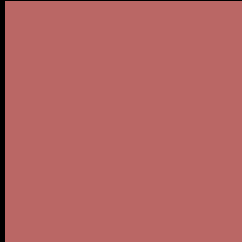
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4489, 21.0792, 14.9339 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 27.4489, 21.0792, 14.9339

Background



This preview shows how black text looks on a background with the XYZ color 27.4489, 21.0792, 14.9339.



This preview shows how white text looks on a background with the XYZ color 27.4489, 21.0792,

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

27.4489, 21.0792, 14.9339

Protanopia

20.2429, 21.3575, 18.6783

Deuteranopia

21.5586, 21.1905, 14.5092



Tritanopia

28.0052, 21.1717, 17.0785

Trichromacy



Original Color

27.4489, 21.0792, 14.9339

Protanomaly

22.1876, 20.7364, 17.3011

Deuteranomaly

23.2832, 20.8437, 14.6005

Tritanomaly

27.8464, 21.1081, 16.2423

Monochromacy



Original Color

27.4489, 21.0792, 14.9339

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.2613, 20.8912, 19.9987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4489, 21.0792, 14.9339 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(186, 103, 101)` looks like.

```
.text, #text, p{  
    color:rgb(186, 103, 101)  
}
```

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(186, 103, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 103, 101) }
```

Border

The CSS property to change the border of an element to XYZ 27.4489, 21.0792, 14.9339 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(186, 103, 101) }
```


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

```
.border{ border-color:rgb(186, 103, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 103, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 103, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 103, 101);  
box-shadow:4px 4px 4px 4px rgb(186, 103,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4489, 21.0792, 14.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 103, 101) }
```

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

```
.background{ background-color: rgb(186,  
103, 101) }
```

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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