

Converting Colors

XYZ(27.6481, 21.8749, 14.9513)

Have a look what the booklet for
XYZ(27.6481, 21.8749, 14.9513)
contains.

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Color

**XYZ(27.7191, 21.9790,
15.0933)**

Conversions

Conversions Part 1

Format	Color
Hex	B96C65
RGB	185, 108, 101
RGB Percent	73%, 42%, 40%
CMY	0.2745, 0.5764, 0.6039
CMYK	0.00, 0.42, 0.45, 0.27
HSL	5°, 37%, 56%
HSV	5°, 45%, 73%
XYZ	27.7191, 21.9790, 15.0933
YIQ	130.2250, 48.1390, 14.1470

Conversions

Conversions Part 2

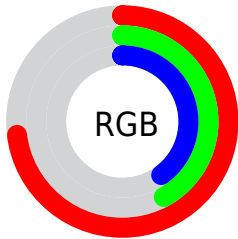
Format	Color
R_{YB}	185, 109, 101
Decimal	12151909
CIE _{Lab}	54.00, 29.83, 17.19
CIE _{LCh}	54, 34.430, 29.952
Yxy	21.9790, 0.4278, 0.3392
Android (android.graphics.Color)	4290341989 (0xFFB96C65)
YUV	130.2250, -14.4079, 48.0377
Hunter-Lab	46.8818, 23.4960, 13.7292

Details

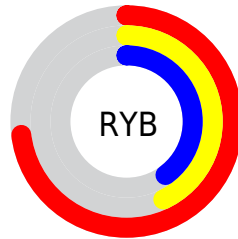
The XYZ color **27.7191, 21.9790, 15.0933** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.0433, 38.1084, 51.6710**, and the grayscale version is **21.3358, 22.4469, 24.4447**.

A 20% lighter version of the original color is **55.5465, 46.6417, 35.7809**, and **11.2831, 8.0614, 4.4513** is the 20% darker color. If you saturate the color by 10%, you get **25.2948, 18.4215, 10.3054**, and if you desaturate by 10%, it is **30.6964, 26.3160, 21.0725**.

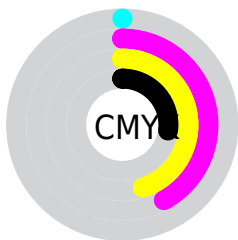
Distribution



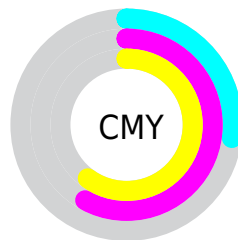
- Red (73%)
- Green (42%)
- Blue (40%)



- Red (73%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (45%)
- Black (27%)





- Cyan (27%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7191, 21.9790, 15.0933 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 27.7191, 21.9790, 15.0933 by changing the saturation by 10% instead.


 27.7191, 21.9790,
15.0933


 27.7191, 21.9790,
15.0933


283.2267,
262.4366, 235.5904


 18.2534, 13.8415,
8.7375


 55.4474, 46.7113,
35.7614


 11.2329, 8.0105,
4.4759


 74.4408, 64.0748,
50.9108

 6.2921, 4.1017,
1.8899


 97.3407, 85.2825,
69.8285

 3.0659, 1.7306,
0.4863

 124.5126,
110.7187, 92.9331

 1.1887, 0.4433,
0.0000

156.3218,
140.7678, 120.6430

 0.0974, 0.0000,
0.0000

193.1336,

 0.0000, 0.0000,

175.8142, 153.3768

0.0000

235.3135,
216.2424, 191.5531

■ 27.7191, 21.9790,
15.0933

■ 27.7191, 21.9790,
15.0933

■ 25.2948, 18.4215,
10.3054

■ 30.6964, 26.3160,
21.0725

■ 23.3878, 15.5941,
6.6279

■ 34.2561, 31.4714,
28.3141

■ 21.9606, 13.4471,
3.9716


■ 38.4278, 37.4856,
36.8853


■ 20.9701, 11.9229,
2.2331

■ 43.2384, 44.3952,
46.8480


■ 20.3649, 10.9544,
1.2852


■ 48.7131, 52.2348,
58.2603

 20.1845, 10.6681,
0.9953

 54.8760, 61.0371,
71.1769

 61.7497, 70.8333,
85.6497

 69.3561, 81.6530,
101.7282

 73.8175, 89.0543,
107.9063

Harmonies

Analogous

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



28.8884, 21.9790, 23.9484



27.7191, 21.9790, 15.0933



24.6795, 21.9790, 10.2208

Triad

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



27.7191, 21.9790, 15.0933



15.2916, 21.9790, 15.0716



20.8844, 21.9790, 50.8092

Complementary

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



27.7191, 21.9790, 15.0933



30.0433, 38.1084, 51.6710

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.



17.5104, 21.9790, 46.3969



27.7191, 21.9790, 15.0933



14.5243, 21.9790, 23.9144

Square

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



27.7191, 21.9790, 15.0933



17.5195, 21.9790, 10.2111



15.2868, 21.9790, 35.6822



24.6680, 21.9790, 46.4234

Rectangle

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



27.7191, 21.9790, 15.0933



22.1630, 21.9790, 8.8994



15.2868, 21.9790, 35.6822



19.6674, 21.9790, 50.2921

Sweetspot

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



27.7197, 21.9801, 15.0937



69.7771, 68.5076, 68.0286



32.6972, 22.8361, 44.8039



14.6705, 14.2336, 13.8981



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.



27.7197, 21.9801, 15.0937



45.5063, 33.2926, 18.8544



33.2629, 33.0666, 16.9415



9.0632, 9.1294, 9.3914



13.7669, 7.3102, 0.6854



0.5056, 0.2984, 0.0309

Inverse Universe

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



30.0433, 38.1084, 51.6710



50.1401, 65.5921, 92.2225



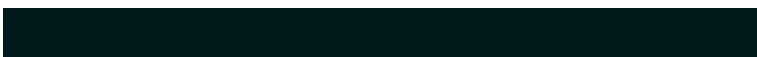
22.9281, 23.8779, 49.2993



9.2009, 10.0790, 11.5399



15.7221, 21.9038, 34.6523



0.5732, 0.8101, 1.2279

Previews

White Background



This preview shows how the XYZ color 27.7191, 21.9790, 15.0933 looks on a white background.

Color Contrast Check

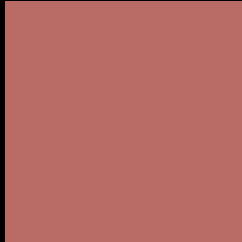
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7191, 21.9790, 15.0933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

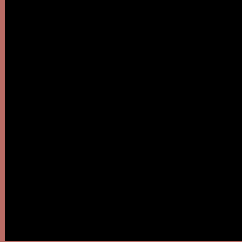
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7191, 21.9790, 15.0933

Background



This preview shows how black text looks on a background with the XYZ color 27.7191, 21.9790, 15.0933.



This preview shows how white text looks on a background with the XYZ color 27.7191, 21.9790,

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

27.7191, 21.9790, 15.0933

Protanopia

20.8728, 22.0825, 18.2011

Deuteranopia

22.3612, 21.9725, 14.6178



Tritanopia

28.4410, 21.9621, 18.6597

Trichromacy



Original Color

27.7191, 21.9790, 15.0933

Protanomaly

22.8176, 21.6063, 16.8777

Deuteranomaly

24.0404, 21.7502, 14.7355

Tritanomaly

28.2677, 22.0586, 17.2359

Monochromacy



Original Color

27.7191, 21.9790, 15.0933

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8670, 21.7350, 20.4428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7191, 21.9790, 15.0933 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, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(185, 108, 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(185, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 108, 101) }
```

Border

The CSS property to change the border of an element to XYZ 27.7191, 21.9790, 15.0933 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, 108, 101) }
```


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

```
.border{ border-color:rgb(185, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(185, 108,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7191, 21.9790, 15.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 108, 101) }
```

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

```
.background{ background-color: rgb(185,  
108, 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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