

Converting Colors

XYZ(27.1987, 21.7203, 7.9373)

Have a look what the booklet for
XYZ(27.1987, 21.7203, 7.9373)
contains.

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Color

**XYZ(27.2273, 21.7276,
7.9131)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6B42
RGB	189, 107, 66
RGB Percent	74%, 42%, 26%
CMY	0.2588, 0.5804, 0.7412
CMYK	0.00, 0.43, 0.65, 0.26
HSL	20°, 48%, 50%
HSV	20°, 65%, 74%
XYZ	27.2273, 21.7276, 7.9131
YIQ	126.8440, 62.0330, 4.6330

Conversions

Conversions Part 2

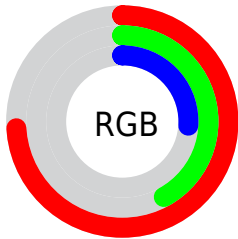
Format	Color
R_{YB}	189, 128, 66
Decimal	12413762
CIE _{Lab}	53.74, 29.01, 36.77
CIE _{LCh}	54, 46.841, 51.726
Yxy	21.7276, 0.4788, 0.3821
Android (android.graphics.Color)	4290603842 (0xFFBD6B42)
YUV	126.8440, -29.9961, 54.5108
Hunter-Lab	46.6129, 22.6921, 22.5638

Details

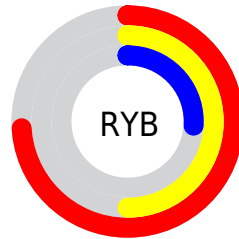
The XYZ color **27.2273, 21.7276, 7.9131** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.0212, 26.0105, 52.0036**, and the grayscale version is **20.2046, 21.2569, 23.1487**.

A 20% lighter version of the original color is **54.5596, 46.1738, 22.2565**, and **10.9994, 7.9019, 1.6073** is the 20% darker color. If you saturate the color by 10%, you get **25.5402, 19.1027, 5.0412**, and if you desaturate by 10%, it is **29.2909, 24.8112, 11.8191**.

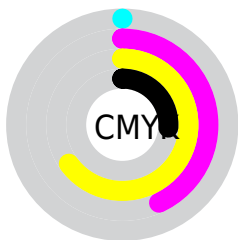
Distribution



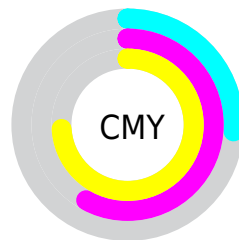
- Red (74%)
- Green (42%)
- Blue (26%)



- Red (74%)
- Yellow (50%)
- Blue (26%)



- Cyan (0%)
- Magenta (43%)
- Yellow (65%)
- Black (26%)





- Cyan (26%)
- Magenta (58%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2273, 21.7276, 7.9131 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 27.2273, 21.7276, 7.9131 by changing the saturation by 10% instead.


 27.2273, 21.7276,
7.9131


 27.2273, 21.7276,
7.9131


280.9035,
261.1204, 184.9579


 17.8815, 13.6569,
3.9524


 54.6657, 46.2954,
22.3313

 10.9641, 7.8824,
1.5993


 73.4890, 63.5612,
33.6258


 6.1098, 4.0198,
0.2903


 96.2022, 84.6609,
48.2021

 2.9533, 1.6846,
0.0000

 123.1706,
109.9788, 66.4786

 1.1291, 0.4137,
0.0000

 154.7595,
139.8993, 88.8739

 0.0493, 0.0000,
0.0000

191.3345,

 0.0000, 0.0000,

174.8068, 115.8065

0.0000

233.2607,
215.0857, 147.6950

■ 27.2273, 21.7276,
7.9131

■ 27.2273, 21.7276,
7.9131

■ 25.5402, 19.1027,
5.0412

■ 29.2909, 24.8112,
11.8191

■ 24.2009, 16.9092,
3.0996

■ 31.7537, 28.3722,
16.8466

■ 23.1780, 15.1211,
1.9642

■ 34.6379, 32.4321,
23.0754

■ 22.7640, 14.3746,
1.5748

■ 37.9639, 37.0101,
30.5772

■ 41.7502, 42.1244,
39.4184

■ 46.0147, 47.7922,
49.6604

■ 50.7738, 54.0297,
61.3610

■ 56.0435, 60.8528,
74.5747

■ 61.8389, 68.2764,
89.3531

Harmonies

Analogous

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



30.9809, 21.7276, 14.8276



27.2273, 21.7276, 7.9131



22.0721, 21.7276, 5.4890

Triad

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



27.2273, 21.7276, 7.9131



12.4951, 21.7276, 19.8978



24.4354, 21.7276, 59.7598

Complementary

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



27.2273, 21.7276, 7.9131



22.0212, 26.0105, 52.0036

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.



19.2931, 21.7276, 62.9234



27.2273, 21.7276, 7.9131



12.9185, 21.7276, 35.4398

Square

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



27.2273, 21.7276, 7.9131



13.9616, 21.7276, 10.3315



15.2300, 21.7276, 52.6798



29.1958, 21.7276, 45.2494

Rectangle

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



27.2273, 21.7276, 7.9131



18.7508, 21.7276, 5.5989



15.2300, 21.7276, 52.6798



22.6764, 21.7276, 62.3696

Sweetspot

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



27.2278, 21.7287, 7.9135



71.1161, 70.5228, 61.9932



28.2797, 16.8534, 29.7795



14.8917, 14.6218, 12.3989



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.



27.2278, 21.7287, 7.9135



44.6701, 32.4838, 7.3880



36.0645, 39.4022, 10.8591



9.7831, 10.0421, 9.9993



15.3800, 9.7988, 1.0807



0.6638, 0.5066, 0.0628

Inverse Universe

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



22.0212, 26.0105, 52.0036



34.5176, 40.4669, 92.2178



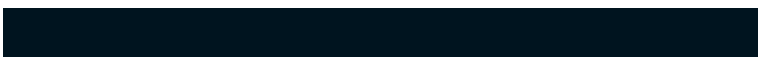
14.8000, 11.5683, 49.5965



9.5333, 10.2590, 12.1499



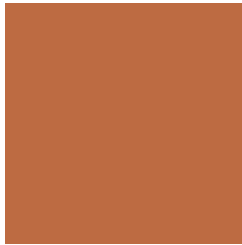
11.2719, 12.6555, 34.2416



0.4993, 0.6113, 1.3605

Previews

White Background



This preview shows how the XYZ color 27.2273, 21.7276, 7.9131 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 27.2273, 21.7276, 7.9131 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 27.2273, 21.7276, 7.9131

Background



This preview shows how black text looks on a background with the XYZ color 27.2273, 21.7276, 7.9131.



This preview shows how white text looks on a background with the XYZ color 27.2273, 21.7276,

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

27.2273, 21.7276, 7.9131

Protanopia

20.0708, 21.8576, 9.6397

Deuteranopia

22.2505, 21.8846, 7.6089



Tritanopia

29.2499, 21.8133, 17.1368

Trichromacy



Original Color

27.2273, 21.7276, 7.9131

Protanomaly

22.0753, 21.3988, 8.9281

Deuteranomaly

23.8361, 21.6275, 7.6209

Tritanomaly

28.4120, 21.7673, 13.0600

Monochromacy



Original Color

27.2273, 21.7276, 7.9131

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.8440, 20.9369, 16.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2273, 21.7276, 7.9131 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, 107, 66)` looks like.

```
.text, #text, p{  
    color:rgb(189, 107, 66)  
}
```

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, 107, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 107, 66) }
```

Border

The CSS property to change the border of an element to XYZ 27.2273, 21.7276, 7.9131 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, 107, 66) }
```


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

```
.border{ border-color:rgb(189, 107, 66) }
```

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

Here you see how a box with a 4 pixel rgb(189, 107, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 107, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 107, 66);  
box-shadow:4px 4px 4px 4px rgb(189, 107,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2273, 21.7276, 7.9131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 107, 66) }
```

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

```
.background{ background-color: rgb(189,  
107, 66) }
```

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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