

Converting Colors

XYZ(27.5593, 20.2092, 8.8644)

Have a look what the booklet for
XYZ(27.5593, 20.2092, 8.8644)
contains.

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Color

**XYZ(27.6670, 20.3295,
8.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	C2604A
RGB	194, 96, 74
RGB Percent	76%, 38%, 29%
CMY	0.2392, 0.6235, 0.7098
CMYK	0.00, 0.51, 0.62, 0.24
HSL	11°, 50%, 53%
HSV	11°, 62%, 76%
XYZ	27.6670, 20.3295, 8.9443
YIQ	122.7940, 65.4700, 13.9340

Conversions

Conversions Part 2

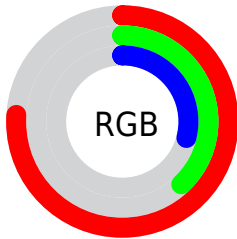
Format	Color
RYB	194, 101, 74
Decimal	12738634
CIELab	52.21, 37.37, 30.66
CIELCh	52, 48.337, 39.366
Yxy	20.3295, 0.4859, 0.3570
Android (android.graphics.Color)	4290928714 (0xFFC2604A)
YUV	122.7940, -24.0554, 62.4477
Hunter-Lab	45.0882, 30.6265, 19.8002

Details

The XYZ color **27.6670, 20.3295, 8.9443** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **27.3130, 34.8535, 56.3264**, and the grayscale version is **18.8211, 19.8013, 21.5636**.

A 20% lighter version of the original color is **55.5626, 44.1850, 24.3390**, and **11.1904, 7.1936, 1.9611** is the 20% darker color. If you saturate the color by 10%, you get **25.8087, 17.5027, 5.5825**, and if you desaturate by 10%, it is **30.0190, 23.8217, 13.4651**.

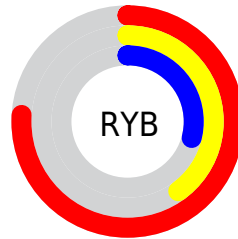
Distribution



Red (76%)

Green (38%)

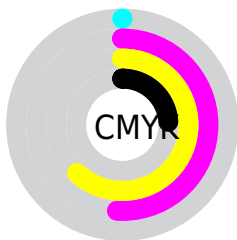
Blue (29%)



Red (76%)

Yellow (40%)

Blue (29%)

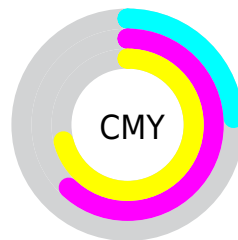


Cyan (0%)

Magenta (51%)

Yellow (62%)

Black (24%)



Cyan (24%)


Magenta (62%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6670, 20.3295, 8.9443 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 27.6670, 20.3295, 8.9443 by changing the saturation by 10% instead.


 27.6670, 20.3295,
8.9443


 27.6670, 20.3295,
8.9443

282.9813,
253.6933, 193.1646


 18.2140, 12.6348,
4.6085


 55.3647, 43.9689,
24.3659


 11.2043, 7.1775,
1.9648


 74.3401, 60.6824,
36.2889


 6.2727, 3.5734,
0.5335


 97.2203, 81.1710,
51.5780

 3.0539, 1.4379,
0.0000

 124.3707,
105.8190, 70.6518

 1.1823, 0.2444,
0.0000

 156.1567,
135.0108, 93.9288

 0.0923, 0.0000,
0.0000

192.9435,

 0.0000, 0.0000,

169.1309, 121.8275

0.0000

235.0966,
208.5636, 154.7666

■ 27.6670, 20.3295,
8.9443

■ 27.6670, 20.3295,
8.9443

■ 25.8087, 17.5027,
5.5825

■ 30.0190, 23.8217,
13.4651

■ 24.4059, 15.2950,
3.2717

■ 32.8963, 28.0149,
19.2376

■ 23.4167, 13.6594,
1.8848

■ 36.3293, 32.9461,
26.3463

■ 22.8661, 12.7055,
1.2472

■ 40.3456, 38.6489,
34.8680

■ 44.9711, 45.1544,
44.8737

■ 50.2300, 52.4924,
56.4296

■ 56.1452, 60.6909,
69.5978

■ 62.7384, 69.7768,
84.4370

■ 70.0304, 79.7755,
101.0031

Harmonies

Analogous

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



30.3340, 20.3295, 17.9840



27.6670, 20.3295, 8.9443



22.8795, 20.3295, 5.1574

Triad

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



27.6670, 20.3295, 8.9443



11.7054, 20.3295, 13.8426



20.9154, 20.3295, 61.4645

Complementary

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



27.6670, 20.3295, 8.9443



27.3130, 34.8535, 56.3264

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.



16.1548, 20.3295, 58.7646



27.6670, 20.3295, 8.9443



11.3620, 20.3295, 26.8809

Square

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



27.6670, 20.3295, 8.9443



13.8861, 20.3295, 7.0287



12.8513, 20.3295, 44.3531



26.0198, 20.3295, 50.6531

Rectangle

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



27.6670, 20.3295, 8.9443



19.4283, 20.3295, 4.5230



12.8513, 20.3295, 44.3531



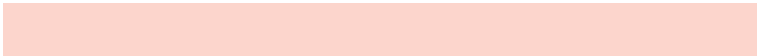
19.2173, 20.3295, 62.1827

Sweetspot

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



27.6675, 20.3306, 8.9447



75.1302, 72.8922, 67.5417



32.1432, 19.3455, 41.0694



15.9453, 15.2465, 13.7011



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.6675, 20.3306, 8.9447



45.8279, 30.2629, 8.5243



35.3725, 35.7405, 11.5130



10.2193, 10.3700, 10.5249



15.0782, 8.4422, 0.8348



0.6980, 0.4578, 0.0516

Inverse Universe

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



27.3130, 34.8535, 56.3264



44.9856, 58.4448, 101.3798



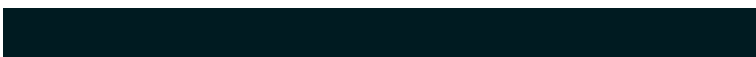
18.3558, 16.9393, 53.3407



10.2064, 11.1042, 12.8902



14.5440, 18.8444, 36.4274



0.6702, 0.8978, 1.5878

Previews

White Background



This preview shows how the XYZ color 27.6670, 20.3295, 8.9443 looks on a white background.

Color Contrast Check

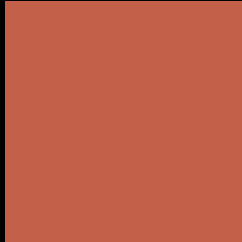
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6670, 20.3295, 8.9443 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 27.6670, 20.3295, 8.9443

Background



This preview shows how black text looks on a background with the XYZ color 27.6670, 20.3295, 8.9443.



This preview shows how white text looks on a background with the XYZ color 27.6670, 20.3295,

8.9443.

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

27.6670, 20.3295, 8.9443

Protanopia

18.9650, 20.4740, 11.5466

Deuteranopia

20.8079, 20.3956, 8.4703



Tritanopia

28.6722, 20.3317, 14.2176

Trichromacy



Original Color

27.6670, 20.3295, 8.9443

Protanomaly

21.2128, 19.6966, 10.4684

Deuteranomaly

22.9702, 20.1486, 8.6397

Tritanomaly

28.3538, 20.3457, 12.1056

Monochromacy



Original Color

27.6670, 20.3295, 8.9443

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.8494, 19.2197, 15.9755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6670, 20.3295, 8.9443 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(194, 96, 74)` looks like.

```
.text, #text, p{  
    color:rgb(194, 96, 74)  
}
```

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(194, 96, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 96, 74) }
```

Border

The CSS property to change the border of an element to XYZ 27.6670, 20.3295, 8.9443 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(194, 96, 74) }
```


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

```
.border{ border-color:rgb(194, 96, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 96, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 96, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 96, 74);  
box-shadow:4px 4px 4px 4px rgb(194, 96,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6670, 20.3295, 8.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 96, 74) }
```

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

```
.background{ background-color: rgb(194, 96,  
74) }
```

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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