

Converting Colors

XYZ(28.9324, 20.7598, 6.8970)

Have a look what the booklet for
XYZ(28.9324, 20.7598, 6.8970)
contains.

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Color

**XYZ(28.9324, 20.7598,
6.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	C95E3D
RGB	201, 94, 61
RGB Percent	79%, 37%, 24%
CMY	0.2118, 0.6313, 0.7608
CMYK	0.00, 0.53, 0.70, 0.21
HSL	14°, 56%, 51%
HSV	14°, 70%, 79%
XYZ	28.9324, 20.7598, 6.8970
YIQ	122.2310, 74.3650, 12.4210

Conversions

Conversions Part 2

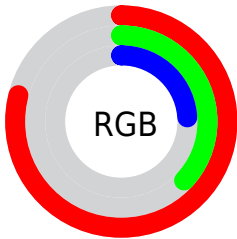
Format	Color
R_{YB}	201, 104, 61
Decimal	13196861
CIE Lab	52.69, 40.29, 38.70
CIE LCh	53, 55.862, 43.848
Yxy	20.7598, 0.5113, 0.3669
Android (android.graphics.Color)	4291386941 (0xFFC95E3D)
YUV	122.2310, -30.1869, 69.0804
Hunter-Lab	45.5629, 33.6122, 22.9191

Details

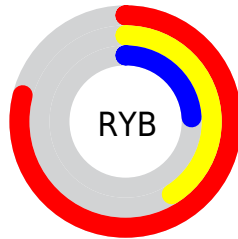
The XYZ color **28.9324, 20.7598, 6.8970** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **26.4686, 33.2122, 60.2736**, and the grayscale version is **18.6534, 19.6249, 21.3715**.

A 20% lighter version of the original color is **54.4882, 43.2532, 20.2287**, and **11.9346, 7.4250, 1.2561** is the 20% darker color. If you saturate the color by 10%, you get **27.2562, 18.1178, 4.1493**, and if you desaturate by 10%, it is **31.0842, 24.0289, 10.8042**.

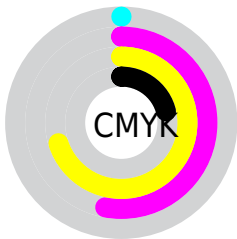
Distribution



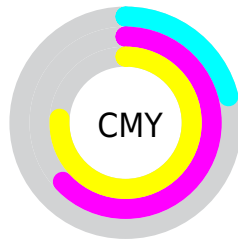
- Red (79%)
- Green (37%)
- Blue (24%)



- Red (79%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (21%)





- Cyan (21%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9324, 20.7598, 6.8970 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 28.9324, 20.7598, 6.8970 by changing the saturation by 10% instead.


 28.9324, 20.7598,
6.8970


 28.9324, 20.7598,
6.8970


288.8958,
255.9992, 176.4034


 19.1737, 12.9485,
3.3203


 57.3680, 44.6874,
20.2750


 11.9006, 7.3931,
1.2604


 76.7756, 61.5726,
30.9134


 6.7478, 3.7091,
0.0290


 100.1302, 82.2512,
44.7428

 3.3498, 1.5122,
0.0000

 127.7971,
107.1076, 62.1817

 1.3413, 0.2973,
0.0000

 160.1418,
136.5262, 83.6487

 0.2138, 0.0000,
0.0000

 197.5296,

 0.0000, 0.0000,

170.8914, 109.5623

0.0000

240.3258,
210.5876, 140.3410

■ 28.9324, 20.7598,
6.8970

■ 28.9324, 20.7598,
6.8970

■ 27.2562, 18.1178,
4.1493

■ 31.0842, 24.0289,
10.8042

■ 26.0141, 16.0574,
2.4281

■ 33.7454, 27.9597,
15.9818

■ 25.1449, 14.5266,
1.4988

■ 36.9482, 32.5879,
22.5288

■ 25.1193, 14.4815,
1.4713

■ 40.7215, 37.9458,
30.5340

■ 45.0921, 44.0635,
40.0787

■ 50.0852, 50.9696,
51.2383

■ 55.7242, 58.6909,
64.0830

■ 62.0316, 67.2531,
78.6790

■ 69.0286, 76.6808,
95.0888

Harmonies

Analogous

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



32.6842, 20.7598, 15.7797



28.9324, 20.7598, 6.8970



23.0047, 20.7598, 3.6976

Triad

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



28.9324, 20.7598, 6.8970



10.8302, 20.7598, 14.8219



22.5274, 20.7598, 70.0581

Complementary

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



28.9324, 20.7598, 6.8970



26.4686, 33.2122, 60.2736

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.



16.7847, 20.7598, 69.3527



28.9324, 20.7598, 6.8970



10.7524, 20.7598, 31.1568

Square

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



28.9324, 20.7598, 6.8970



12.9615, 20.7598, 6.4929



12.7229, 20.7598, 52.7931



28.5244, 20.7598, 54.4106

Rectangle

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



28.9324, 20.7598, 6.8970



18.9915, 20.7598, 3.3528



12.7229, 20.7598, 52.7931



20.4906, 20.7598, 71.8971

Sweetspot

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



28.9329, 20.7609, 6.8974



75.9011, 73.6292, 65.7477



32.8550, 18.5946, 39.0662



15.7853, 15.1165, 13.0618



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.



28.9329, 20.7609, 6.8974



45.4034, 28.9521, 5.2749



38.1455, 39.1861, 9.9682



10.8335, 11.0361, 11.1220



15.8537, 9.2245, 0.9449



0.8085, 0.5524, 0.0640

Inverse Universe

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



26.4686, 33.2122, 60.2736



40.6687, 51.1117, 102.3298



16.8661, 14.0072, 57.0728



10.7266, 11.6273, 13.5964



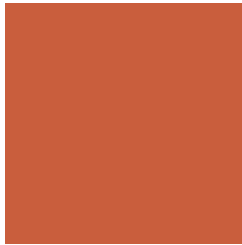
13.9276, 17.2491, 37.3397



0.7123, 0.9225, 1.7857

Previews

White Background



This preview shows how the XYZ color 28.9324, 20.7598, 6.8970 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 28.9324, 20.7598, 6.8970 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 28.9324, 20.7598, 6.8970

Background



This preview shows how black text looks on a background with the XYZ color 28.9324, 20.7598, 6.8970.



This preview shows how white text looks on a background with the XYZ color 28.9324, 20.7598,

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

28.9324, 20.7598, 6.8970

Protanopia

19.2780, 20.8786, 9.1448

Deuteranopia

21.3107, 20.8769, 6.5209



Tritanopia

30.3961, 20.8534, 13.4894

Trichromacy



Original Color

28.9324, 20.7598, 6.8970

Protanomaly

21.9610, 20.1334, 8.1975

Deuteranomaly

23.6565, 20.5485, 6.5903

Tritanomaly

29.6595, 20.6633, 10.6088

Monochromacy



Original Color

28.9324, 20.7598, 6.8970

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.8569, 19.0878, 14.6416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9324, 20.7598, 6.8970 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(201, 94, 61)` looks like.

```
.text, #text, p{  
    color:rgb(201, 94, 61)  
}
```

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(201, 94, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 94, 61) }
```

Border

The CSS property to change the border of an element to XYZ 28.9324, 20.7598, 6.8970 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(201, 94, 61) }
```


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

```
.border{ border-color:rgb(201, 94, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 94, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 94, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 94, 61);  
box-shadow:4px 4px 4px 4px rgb(201, 94,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9324, 20.7598, 6.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 94, 61) }
```

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

```
.background{ background-color: rgb(201, 94,  
61) }
```

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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