

Converting Colors

XYZ(28.9339, 20.7826, 18.2616)

Have a look what the booklet for
XYZ(28.9339, 20.7826, 18.2616)
contains.

XYZ(28.9584, 20.7871, 18.4056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.9584, 20.7871,
18.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	C06072
RGB	192, 96, 114
RGB Percent	75%, 38%, 45%
CMY	0.2471, 0.6235, 0.5529
CMYK	0.00, 0.50, 0.41, 0.25
HSL	349°, 43%, 56%
HSV	349°, 50%, 75%
XYZ	28.9584, 20.7871, 18.4056
YIQ	126.7560, 51.4380, 25.9500

Conversions

Conversions Part 2

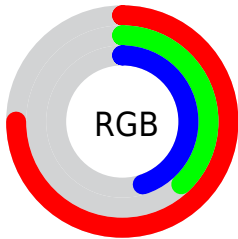
Format	Color
R _Y B	192, 96, 114
Decimal	12607602
CIE Lab	52.72, 40.26, 7.89
CIE LCh	53, 41.024, 11.090
Yxy	20.7871, 0.4249, 0.3050
Android (android.graphics.Color)	4290797682 (0xFFC06072)
YUV	126.7560, -6.2887, 57.2190
Hunter-Lab	45.5929, 33.5871, 7.9800

Details

The XYZ color **28.9584, 20.7871, 18.4056** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.3146, 43.2426, 46.7432**, and the grayscale version is **20.0983, 21.1449, 23.0268**.

A 20% lighter version of the original color is **57.4140, 44.7573, 41.6894**, and **11.9134, 7.4210, 5.9587** is the 20% darker color. If you saturate the color by 10%, you get **26.6021, 17.3765, 13.6064**, and if you desaturate by 10%, it is **31.8950, 25.1159, 24.1459**.

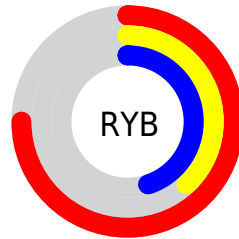
Distribution



Red (75%)

Green (38%)

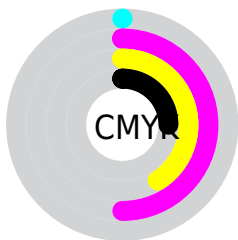
Blue (45%)



Red (75%)

Yellow (38%)

Blue (45%)

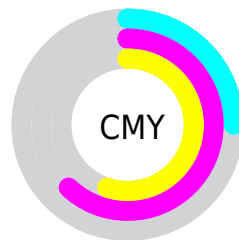


Cyan (0%)

Magenta (50%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9584, 20.7871, 18.4056 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 28.9584, 20.7871, 18.4056 by changing the saturation by 10% instead.

■ 28.9584, 20.7871,
18.4056

■ 28.9584, 20.7871,
18.4056

289.0164,
256.1449, 255.4598

■ 19.1935, 12.9685,
11.0691

■ 57.4090, 44.7329,
41.5505

■ 11.9150, 7.4068,
5.9986

■ 76.8254, 61.6289,
58.1960

■ 6.7576, 3.7178,
2.7755

■ 100.1896, 82.3195,
78.7816

■ 3.3560, 1.5170,
0.9812

■ 127.8671,
107.1891, 103.7258

■ 1.3447, 0.3006,
0.0000

160.2232,
136.6220, 133.4472

■ 0.2163, 0.0000,
0.0000

197.6232,

■ 0.0000, 0.0000,

171.0027, 168.3643

0.0000

240.4324,
210.7155, 208.8957

■ 28.9584, 20.7871,
18.4056

■ 28.9584, 20.7871,
18.4056

■ 26.6021, 17.3765,
13.6064

■ 31.8950, 25.1159,
24.1459

■ 24.7851, 14.8144,
9.6961

■ 35.4460, 30.4196,
30.8733

■ 23.4635, 13.0264,
6.6191


■ 39.6445, 36.7540,
38.6319


■ 22.5854, 11.9235,
4.3126


■ 44.5211, 44.1697,
47.4632


■ 22.0567, 11.3340,
2.6939


■ 50.1041, 52.7142,
57.4059

 22.0566, 11.3338,
2.6936

 56.4203, 62.4319,
68.4972

 63.4952, 73.3650,
80.7722

 71.3530, 85.5535,
94.2647

 75.4531, 89.9084,
107.4860

Harmonies

Analogous

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



28.5861, 20.7871, 31.1403



28.9584, 20.7871, 18.4056



26.6132, 20.7871, 10.4307

Triad

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



28.9584, 20.7871, 18.4056



14.8381, 20.7871, 9.1356



17.2146, 20.7871, 52.9581

Complementary

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



28.9584, 20.7871, 18.4056



31.3146, 43.2426, 46.7432

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.



14.1936, 20.7871, 41.8701



28.9584, 20.7871, 18.4056



12.9642, 20.7871, 15.8371

Square

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



28.9584, 20.7871, 18.4056



18.2201, 20.7871, 6.5131



12.7466, 20.7871, 27.4641



21.3791, 20.7871, 54.4342

Rectangle

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



28.9584, 20.7871, 18.4056



23.9980, 20.7871, 7.6602



12.7466, 20.7871, 27.4641



16.0485, 20.7871, 50.0842

Sweetspot

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



28.9590, 20.7882, 18.4060



75.8803, 72.7380, 77.3638



30.8875, 21.0341, 52.3013



15.8835, 15.0041, 15.8794



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.9590, 20.7882, 18.4060



47.8426, 30.9725, 23.9021



31.1587, 26.6688, 14.5730



10.1486, 10.1081, 10.8732



14.8633, 7.6351, 1.9264



0.6661, 0.3394, 0.2089

Inverse Universe

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



28.9590, 20.7882, 18.4060



47.8426, 30.9725, 23.9021



27.4720, 32.5590, 54.7059



10.1486, 10.1081, 10.8732



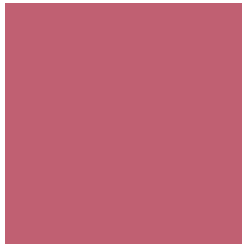
14.8633, 7.6351, 1.9264



0.6661, 0.3394, 0.2089

Previews

White Background



This preview shows how the XYZ color 28.9584, 20.7871, 18.4056 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 28.9584, 20.7871, 18.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

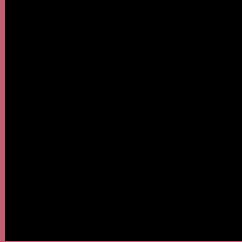
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9584, 20.7871, 18.4056

Background



This preview shows how black text looks on a background with the XYZ color 28.9584, 20.7871, 18.4056.



This preview shows how white text looks on a background with the XYZ color 28.9584, 20.7871,

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

28.9584, 20.7871, 18.4056

Protanopia

20.2425, 21.0454, 24.1144

Deuteranopia

21.2756, 20.9741, 17.6789



Tritanopia

28.4033, 20.8317, 15.8885

Trichromacy



Original Color

28.9584, 20.7871, 18.4056

Protanomaly

22.5313, 20.2960, 21.7988

Deuteranomaly

23.4723, 20.5350, 17.7655

Tritanomaly

28.4673, 20.7085, 16.6841

Monochromacy



Original Color

28.9584, 20.7871, 18.4056

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.5207, 20.4752, 21.1775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9584, 20.7871, 18.4056 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(192, 96, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 96, 114)  
}
```

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(192, 96, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 96, 114) }
```

Border

The CSS property to change the border of an element to XYZ 28.9584, 20.7871, 18.4056 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(192, 96, 114) }
```


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

```
.border{ border-color:rgb(192, 96, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 96, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 96, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 96, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 96,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9584, 20.7871, 18.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 96, 114) }
```

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

```
.background{ background-color: rgb(192, 96,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor