

Converting Colors

XYZ(28.6801, 19.3050, 9.1530)

Have a look what the booklet for
XYZ(28.6801, 19.3050, 9.1530)
contains.

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Color

**XYZ(28.5973, 19.2940,
9.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	C9544D
RGB	201, 84, 77
RGB Percent	79%, 33%, 30%
CMY	0.2118, 0.6706, 0.6980
CMYK	0.00, 0.58, 0.62, 0.21
HSL	3°, 53%, 55%
HSV	3°, 62%, 79%
XYZ	28.5973, 19.2940, 9.2380
YIQ	118.1850, 71.9790, 22.6270

Conversions

Conversions Part 2

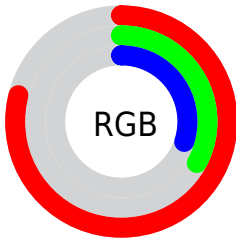
Format	Color
R_{YB}	201, 84, 77
Decimal	13194317
CIE _{Lab}	51.03, 46.12, 27.69
CIE _{LCh}	51, 53.793, 30.975
Yxy	19.2940, 0.5006, 0.3377
Android (android.graphics.Color)	4291384397 (0xFFC9544D)
YUV	118.1850, -20.3042, 72.6288
Hunter-Lab	43.9249, 39.3437, 18.2780

Details

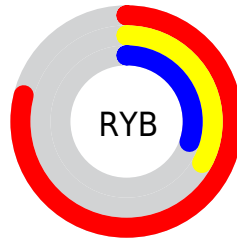
The XYZ color **28.5973, 19.2940, 9.2380** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **32.8934, 44.3752, 62.0897**, and the grayscale version is **17.3245, 18.2267, 19.8489**.

A 20% lighter version of the original color is **53.9516, 40.6577, 24.7428**, and **11.6984, 6.6513, 2.1061** is the 20% darker color. If you saturate the color by 10%, you get **26.7161, 16.4974, 5.6341**, and if you desaturate by 10%, it is **31.0971, 22.9772, 14.1299**.

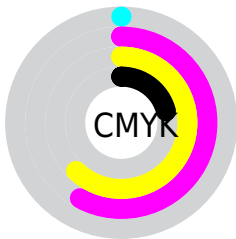
Distribution



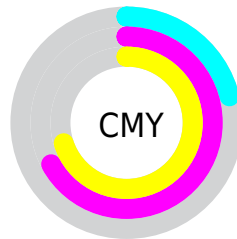
- Red (79%)
- Green (33%)
- Blue (30%)



- Red (79%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (62%)
- Black (21%)





- Cyan (21%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5973, 19.2940, 9.2380 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 28.5973, 19.2940, 9.2380 by changing the saturation by 10% instead.


 28.5973, 19.2940,
9.2380


 28.5973, 19.2940,
9.2380


287.3387,
248.0670, 195.4265


 18.9191, 11.8829,
4.7978

 56.8387, 42.2303,
24.9370


 11.7155, 6.6640,
2.0725


 76.1326, 58.5243,
37.0330

 6.6211, 3.2529,
0.5993


 99.3625, 78.5481,
52.5179

 3.2705, 1.2651,
0.0000

 126.8936,
102.6860, 71.8104

 1.2984, 0.1140,
0.0000

 159.0915,
131.3224, 95.3290

 0.1820, 0.0000,
0.0000

196.3214,

 0.0000, 0.0000,

164.8418, 123.4922

0.0000

238.9487,
203.6286, 156.7185

■ 28.5973, 19.2940,
9.2380

■ 28.5973, 19.2940,
9.2380

■ 26.7161, 16.4974,
5.6341

■ 31.0971, 22.9772,
14.1299

■ 25.3982, 14.5099,
3.1960

■ 34.2616, 27.6098,
20.4149

■ 24.5807, 13.2461,
1.7793

■ 38.1344, 33.2525,
28.1885

■ 24.2111, 12.6651,
1.1685

■ 42.7546, 39.9600,
37.5374

■ 48.1588, 47.7831,
48.5418

■ 54.3809, 56.7696,
61.2761

■ 61.4531, 66.9640,
75.8106

■ 69.4057, 78.4090,
92.2115

■ 77.7969, 90.9566,
108.0638

Harmonies

Analogous

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



30.6049, 19.2940, 20.5127



28.5973, 19.2940, 9.2380



23.7707, 19.2940, 4.3805

Triad

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



28.5973, 19.2940, 9.2380



10.7608, 19.2940, 9.7470



18.5132, 19.2940, 66.1076

Complementary

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



28.5973, 19.2940, 9.2380



32.8934, 44.3752, 62.0897

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.



13.8039, 19.2940, 58.5158



28.5973, 19.2940, 9.2380



9.8850, 19.2940, 21.5110

Square

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



28.5973, 19.2940, 9.2380



13.5556, 19.2940, 4.5584



10.8834, 19.2940, 40.0115



24.1314, 19.2940, 57.5331

Rectangle

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



28.5973, 19.2940, 9.2380



19.9925, 19.2940, 3.3134



10.8834, 19.2940, 40.0115



16.7781, 19.2940, 65.3398

Sweetspot

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



28.5978, 19.2951, 9.2383



75.3187, 71.4853, 68.5718



36.5689, 21.6564, 53.7638



15.5810, 14.5178, 13.5797



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.



28.5978, 19.2951, 9.2383



44.8835, 26.9594, 8.0388



35.5829, 33.2653, 11.5667



10.6812, 10.7315, 11.0712



15.2453, 8.0079, 0.7422



0.7390, 0.4135, 0.0409

Inverse Universe

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



32.8934, 44.3752, 62.0897



52.7693, 73.2932, 105.9735



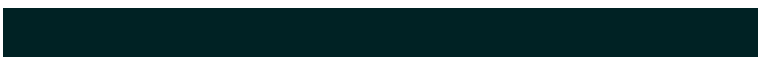
21.9634, 22.5152, 58.4464



10.8934, 11.9609, 13.6520



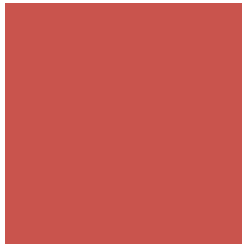
18.1808, 25.7555, 38.7574



0.8769, 1.2515, 1.8405

Previews

White Background



This preview shows how the XYZ color 28.5973, 19.2940, 9.2380 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 28.5973, 19.2940, 9.2380 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 28.5973, 19.2940, 9.2380

Background



This preview shows how black text looks on a background with the XYZ color 28.5973, 19.2940, 9.2380.



This preview shows how white text looks on a background with the XYZ color 28.5973, 19.2940,

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

28.5973, 19.2940, 9.2380

Protanopia

18.2514, 19.5171, 12.9304

Deuteranopia

19.8930, 19.5671, 8.6896



Tritanopia

29.1359, 19.2957, 11.4213

Trichromacy



Original Color

28.5973, 19.2940, 9.2380

Protanomaly

20.7932, 18.4812, 11.4881

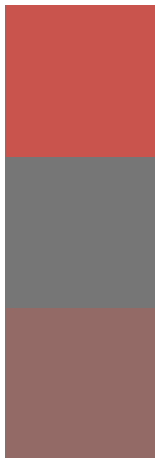
Deuteranomaly

22.4026, 18.9090, 8.7724

Tritanomaly

29.0506, 19.3832, 10.5977

Monochromacy



Original Color

28.5973, 19.2940, 9.2380

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.8150, 17.5832, 15.1815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5973, 19.2940, 9.2380 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, 84, 77)` looks like.

```
.text, #text, p{  
    color:rgb(201, 84, 77)  
}
```

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, 84, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 84, 77) }
```

Border

The CSS property to change the border of an element to XYZ 28.5973, 19.2940, 9.2380 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, 84, 77) }
```


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

```
.border{ border-color:rgb(201, 84, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 84, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 84, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 84, 77);  
box-shadow:4px 4px 4px 4px rgb(201, 84,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5973, 19.2940, 9.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 84, 77) }
```

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

```
.background{ background-color: rgb(201, 84,  
77) }
```

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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