

Converting Colors

XYZ(28.2643, 18.3345, 10.0319)

Have a look what the booklet for
XYZ(28.2643, 18.3345, 10.0319)
contains.

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Color

**XYZ(28.2643, 18.3345,
10.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	C94D52
RGB	201, 77, 82
RGB Percent	79%, 30%, 32%
CMY	0.2118, 0.6980, 0.6784
CMYK	0.00, 0.62, 0.59, 0.21
HSL	358°, 53%, 55%
HSV	358°, 62%, 79%
XYZ	28.2643, 18.3345, 10.0319
YIQ	114.6460, 72.2990, 27.8430

Conversions

Conversions Part 2

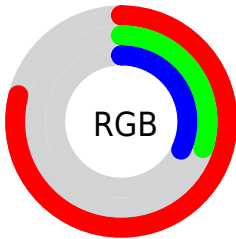
Format	Color
R_{YB}	201, 77, 82
Decimal	13192530
CIE _{Lab}	49.90, 49.69, 23.29
CIE _{LCh}	50, 54.874, 25.112
Yxy	18.3345, 0.4991, 0.3238
Android (android.graphics.Color)	4291382610 (0xFFC94D52)
YUV	114.6460, -16.0945, 75.7325
Hunter-Lab	42.8188, 42.8933, 16.0823

Details

The XYZ color **28.2643, 18.3345, 10.0319** 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 **33.9123, 47.3370, 59.5781**, and the grayscale version is **16.2212, 17.0660, 18.5848**.

A 20% lighter version of the original color is **53.4530, 39.1313, 26.2085**, and **11.5189, 6.1972, 2.3393** is the 20% darker color. If you saturate the color by 10%, you get **26.4350, 15.6903, 6.2955**, and if you desaturate by 10%, it is **30.7352, 21.9321, 15.0003**.

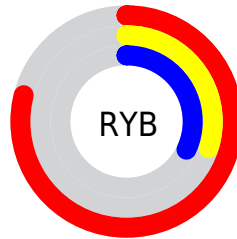
Distribution



Red (79%)

Green (30%)

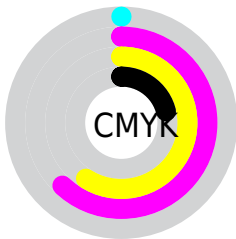
Blue (32%)



Red (79%)

Yellow (30%)

Blue (32%)

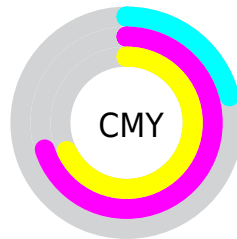


Cyan (0%)

Magenta (62%)

Yellow (59%)

Black (21%)



Cyan (21%)


Magenta (70%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2643, 18.3345, 10.0319 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 28.2643, 18.3345, 10.0319 by changing the saturation by 10% instead.


 28.2643, 18.3345,
10.0319


 28.2643, 18.3345,
10.0319


285.7849,
242.7498, 201.3927


 18.6665, 11.1904,
5.3142


 56.3118, 40.6065,
26.4642


 11.5321, 6.1951,
2.3708


 75.4922, 56.5032,
39.0160

 6.4958, 2.9640,
0.7705


 98.5975, 76.0862,
55.0162

 3.1924, 1.1130,
0.0000

 125.9931, 99.7399,
74.8834

 1.2563, 0.0000,
0.0000

 158.0442,
127.8487, 99.0361

 0.1501, 0.0000,
0.0000

195.1164,

 0.0000, 0.0000,

160.7970, 127.8928

0.0000

237.5748,
198.9692, 161.8722

■ 28.2643, 18.3345,
10.0319

■ 28.2643, 18.3345,
10.0319

■ 26.4350, 15.6903,
6.2955

■ 30.7352, 21.9321,
15.0003

■ 25.1867, 13.9062,
3.6828

■ 33.8984, 26.5588,
21.2948

■ 24.4495, 12.8758,
2.0679

■ 37.8010, 32.2861,
29.0012

■ 24.1316, 12.4352,
1.3608

■ 42.4855, 39.1785,
38.1981

■ 47.9914, 47.2953,
48.9582

■ 54.3554, 56.6919,
61.3493

■ 61.6118, 67.4203,
75.4355

■ 69.7935, 79.5296,
91.2772

■ 77.8973, 91.1575,
108.0973

Harmonies

Analogous

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



29.5505, 18.3345, 22.5304



28.2643, 18.3345, 10.0319



23.8648, 18.3345, 4.3953

Triad

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



28.2643, 18.3345, 10.0319



10.3854, 18.3345, 7.5685



16.5800, 18.3345, 64.8750

Complementary

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



28.2643, 18.3345, 10.0319



33.9123, 47.3370, 59.5781

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.



12.2645, 18.3345, 54.3298



28.2643, 18.3345, 10.0319



9.1762, 18.3345, 17.5988

Square

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



28.2643, 18.3345, 10.0319



13.4820, 18.3345, 3.5566



9.7879, 18.3345, 34.9265



22.0736, 18.3345, 59.2766

Rectangle

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



28.2643, 18.3345, 10.0319



20.1521, 18.3345, 3.0270



9.7879, 18.3345, 34.9265



14.9582, 18.3345, 62.9940

Sweetspot

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



28.2647, 18.3355, 10.0322



74.8909, 70.2467, 69.6100



35.6510, 21.1014, 57.4521



15.4803, 14.2263, 13.8238



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.



28.2647, 18.3355, 10.0322



44.4384, 25.6846, 9.0761



33.7879, 29.6749, 10.9696



10.6509, 10.6437, 11.1449



15.1812, 7.8221, 0.8984



0.7250, 0.3728, 0.0750

Inverse Universe

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



28.2647, 18.3355, 10.0322



44.4384, 25.6846, 9.0761



23.7603, 26.1081, 59.0452



10.6509, 10.6437, 11.1449



15.1812, 7.8221, 0.8984



0.7250, 0.3728, 0.0750

Previews

White Background



This preview shows how the XYZ color 28.2643, 18.3345, 10.0319 looks on a white 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

Black Background



This preview shows how the XYZ color 28.2643, 18.3345, 10.0319 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 28.2643, 18.3345, 10.0319

Background



This preview shows how black text looks on a background with the XYZ color 28.2643, 18.3345, 10.0319.



This preview shows how white text looks on a background with the XYZ color 28.2643, 18.3345,

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

28.2643, 18.3345, 10.0319

Protanopia

17.5013, 18.5494, 14.7146

Deuteranopia

18.8234, 18.4857, 9.4135



Tritanopia

28.2643, 18.3345, 10.0319

Trichromacy



Original Color

28.2643, 18.3345, 10.0319

Protanomaly

20.0630, 17.4632, 12.6692

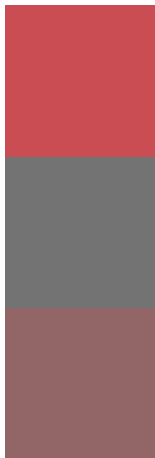
Deuteranomaly

21.5459, 17.8568, 9.5188

Tritanomaly

28.2643, 18.3345, 10.0319

Monochromacy



Original Color

28.2643, 18.3345, 10.0319

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.9559, 16.3976, 14.9979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2643, 18.3345, 10.0319 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, 77, 82)` looks like.

```
.text, #text, p{  
    color:rgb(201, 77, 82)  
}
```

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, 77, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 77, 82) }
```

Border

The CSS property to change the border of an element to XYZ 28.2643, 18.3345, 10.0319 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, 77, 82) }
```


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

```
.border{ border-color:rgb(201, 77, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 77, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 77, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 77, 82);  
box-shadow:4px 4px 4px 4px rgb(201, 77,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2643, 18.3345, 10.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 77, 82) }
```

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

```
.background{ background-color: rgb(201, 77,  
82) }
```

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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