

Converting Colors

XYZ(29.6091, 18.5899, 6.0591)

Have a look what the booklet for
XYZ(29.6091, 18.5899, 6.0591)
contains.

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Color

**XYZ(29.6594, 18.6419,
6.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	D2483A
RGB	210, 72, 58
RGB Percent	82%, 28%, 23%
CMY	0.1765, 0.7176, 0.7725
CMYK	0.00, 0.66, 0.72, 0.18
HSL	6°, 63%, 53%
HSV	6°, 72%, 82%
XYZ	29.6594, 18.6419, 6.0380
YIQ	111.6660, 86.7420, 24.9020

Conversions

Conversions Part 2

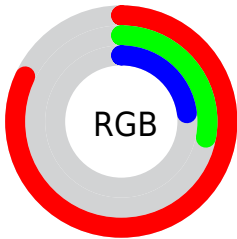
Format	Color
RYB	210, 73, 58
Decimal	13781050
CIELab	50.27, 53.51, 37.98
CIELCh	50, 65.622, 35.368
Yxy	18.6419, 0.5458, 0.3431
Android (android.graphics.Color)	4291971130 (0xFFD2483A)
YUV	111.6660, -26.4573, 86.2389
Hunter-Lab	43.1763, 47.0599, 21.9320

Details

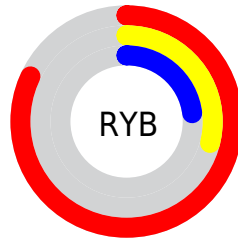
The XYZ color **29.6594, 18.6419, 6.0380** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.1155, 45.0281, 67.9181**, and the grayscale version is **15.3615, 16.1615, 17.5998**.

A 20% lighter version of the original color is **51.4309, 37.4794, 18.1592**, and **12.3029, 6.3493, 0.9926** is the 20% darker color. If you saturate the color by 10%, you get **28.1826, 16.3763, 3.4259**, and if you desaturate by 10%, it is **31.7368, 21.7609, 9.9248**.

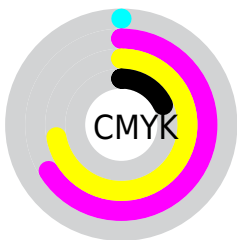
Distribution



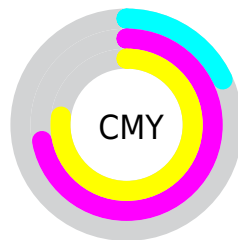
- Red (82%)
- Green (28%)
- Blue (23%)



- Red (82%)
- Yellow (29%)
- Blue (23%)



- Cyan (0%)
- Magenta (66%)
- Yellow (72%)
- Black (18%)





- Cyan (18%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6594, 18.6419, 6.0380 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 29.6594, 18.6419, 6.0380 by changing the saturation by 10% instead.


 29.6594, 18.6419,
6.0380


 29.6594, 18.6419,
6.0380


292.2520,
244.4647, 168.7277


 19.7270, 11.4118,
2.7990


 58.5135, 41.1281,
18.4887

 12.3039, 6.3445,
0.9930


 78.1658, 57.1530,
28.5376

 7.0246, 3.0557,
0.0000


 101.7889, 76.8783,
41.6935

 3.5240, 1.1609,
0.0000

 129.7480,
100.6884, 58.3750

 1.4365, 0.0294,
0.0000

 162.4085,
128.9677, 79.0006

 0.2820, 0.0000,
0.0000

 200.1358,

 0.0000, 0.0000,

162.1006, 103.9889

0.0000

243.2951,
200.4714, 133.7584

■ 29.6594, 18.6419,
6.0380

■ 29.6594, 18.6419,
6.0380

■ 28.1826, 16.3763,
3.4259

■ 31.7368, 21.7609,
9.9248

■ 27.2403, 14.8762,
1.9259

■ 34.4693, 25.8034,
15.2206

■ 26.8170, 14.1793,
1.3235

■ 37.9063, 30.8360,
22.0434

■ 42.0925, 36.9183,
30.4988

■ 47.0686, 44.1051,
40.6828

■ 52.8724, 52.4473,
52.6842

■ 59.5393, 61.9928,
66.5854

■ 67.1026, 72.7866,
82.4641

■ 75.5940, 84.8717,
100.3933

Harmonies

Analogous

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



32.8706, 18.6419, 17.1987



29.6594, 18.6419, 6.0380



23.3116, 18.6419, 2.2155

Triad

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



29.6594, 18.6419, 6.0380



8.7745, 18.6419, 8.9317



18.8857, 18.6419, 78.8281

Complementary

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



29.6594, 18.6419, 6.0380



33.1155, 45.0281, 67.9181

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.



13.1004, 18.6419, 71.5778



29.6594, 18.6419, 6.0380



8.1289, 18.6419, 23.7486

Square

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



29.6594, 18.6419, 6.0380



11.5482, 18.6419, 3.0499



9.5092, 18.6419, 48.0184



25.7690, 18.6419, 64.2623

Rectangle

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



29.6594, 18.6419, 6.0380



18.7233, 18.6419, 1.5860



9.5092, 18.6419, 48.0184



16.7505, 18.6419, 78.9248

Sweetspot

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



29.6598, 18.6430, 6.0383



73.1468, 68.5981, 63.3575



38.2074, 20.7742, 55.0194



15.1754, 13.9894, 12.5726



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.



29.6598, 18.6430, 6.0383



42.8171, 23.9716, 3.8202



37.7238, 34.7709, 8.7263



11.8951, 11.9809, 12.2976



16.3905, 8.7141, 0.8181



0.9473, 0.5489, 0.0560

Inverse Universe

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



33.1155, 45.0281, 67.9181



48.2626, 66.7070, 104.9398



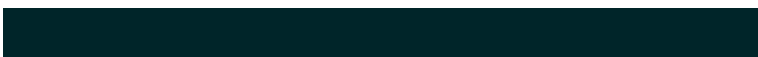
20.2557, 19.3086, 63.6315



12.0614, 13.2130, 15.1583



18.4526, 25.5517, 41.1519



1.0596, 1.4843, 2.3102

Previews

White Background



This preview shows how the XYZ color 29.6594, 18.6419, 6.0380 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 29.6594, 18.6419, 6.0380 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 29.6594, 18.6419, 6.0380

Background



This preview shows how black text looks on a background with the XYZ color 29.6594, 18.6419, 6.0380.



This preview shows how white text looks on a background with the XYZ color 29.6594, 18.6419,

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

29.6594, 18.6419, 6.0380

Protanopia

17.3126, 18.7526, 9.1857

Deuteranopia

18.9661, 18.6459, 5.5051



Tritanopia

30.2902, 18.7236, 8.4961

Trichromacy



Original Color

29.6594, 18.6419, 6.0380

Protanomaly

20.3908, 17.5914, 7.7896

Deuteranomaly

21.8763, 17.8295, 5.5373

Tritanomaly

30.1606, 18.7727, 7.5027

Monochromacy



Original Color

29.6594, 18.6419, 6.0380

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.4192, 15.6180, 12.1690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6594, 18.6419, 6.0380 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(210, 72, 58)` looks like.

```
.text, #text, p{  
    color:rgb(210, 72, 58)  
}
```

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(210, 72, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 72, 58) }
```

Border

The CSS property to change the border of an element to XYZ 29.6594, 18.6419, 6.0380 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(210, 72, 58) }
```


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

```
.border{ border-color:rgb(210, 72, 58) }
```

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

Here you see how a box with a 4 pixel rgb(210, 72, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 72, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 72, 58);  
box-shadow:4px 4px 4px 4px rgb(210, 72,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6594, 18.6419, 6.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 72, 58) }
```

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

```
.background{ background-color: rgb(210, 72,  
58) }
```

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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