

Converting Colors

XYZ(30.1290, 19.3671, 9.2010)

Have a look what the booklet for
XYZ(30.1290, 19.3671, 9.2010)
contains.

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Color

**XYZ(30.0059, 19.2535,
9.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	D04D4D
RGB	208, 77, 77
RGB Percent	82%, 30%, 30%
CMY	0.1843, 0.6980, 0.6980
CMYK	0.00, 0.63, 0.63, 0.18
HSL	0°, 58%, 56%
HSV	0°, 63%, 82%
XYZ	30.0059, 19.2535, 9.1560
YIQ	116.1690, 78.0760, 27.7720

Conversions

Conversions Part 2

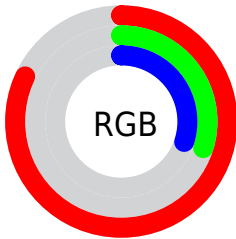
Format	Color
RYB	208, 77, 77
Decimal	13651277
CIELab	50.98, 51.74, 27.87
CIElCh	51, 58.764, 28.307
Yxy	19.2535, 0.5137, 0.3296
Android (android.graphics.Color)	4291841357 (0xFFD04D4D)
YUV	116.1690, -19.3103, 80.5358
Hunter-Lab	43.8788, 45.2768, 18.3434

Details

The XYZ color **30.0059, 19.2535, 9.1560** 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 **36.9997, 51.2398, 67.6144**, and the grayscale version is **16.6938, 17.5632, 19.1263**.

A 20% lighter version of the original color is **53.2572, 39.2689, 24.5114**, and **12.4642, 6.6269, 2.0610** is the 20% darker color. If you saturate the color by 10%, you get **28.1554, 16.5460, 5.4769**, and if you desaturate by 10%, it is **32.5572, 22.9872, 14.2270**.

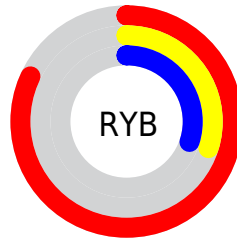
Distribution



Red (82%)

Green (30%)

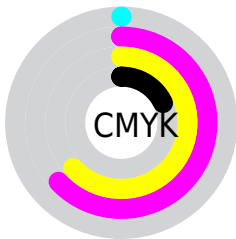
Blue (30%)



Red (82%)

Yellow (30%)

Blue (30%)

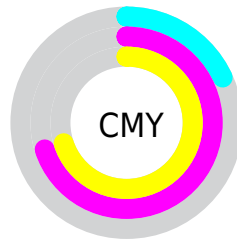


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (18%)



Cyan (18%)


Magenta (70%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0059, 19.2535, 9.1560 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 30.0059, 19.2535, 9.1560 by changing the saturation by 10% instead.


 30.0059, 19.2535,
9.1560


 30.0059, 19.2535,
9.1560


293.8413,
247.8447, 194.7981


 19.9912, 11.8536,
4.7449


 59.0581, 42.1620,
24.7779

 12.4968, 6.6441,
2.0423


 78.8262, 58.4394,
36.8258

 7.1576, 3.2405,
0.5811


 102.5762, 78.4448,
52.2564

 3.6081, 1.2586,
0.0000

 130.6734,
102.5625, 71.4882

 1.4829, 0.1088,
0.0000

 163.4831,
131.1769, 94.9397

 0.3141, 0.0000,
0.0000

201.3708,

 0.0000, 0.0000,

164.6725, 123.0295

0.0000

244.7017,
203.4336, 156.1761

■ 30.0059, 19.2535,
9.1560

■ 30.0059, 19.2535,
9.1560

■ 28.1554, 16.5460,
5.4769

■ 32.5572, 22.9872,
14.2270

■ 26.9349, 14.7600,
3.0508

■ 35.8682, 27.8322,
20.8090

■ 26.2611, 13.7740,
1.7117

■ 39.9932, 33.8683,
29.0092

■ 26.0124, 13.4101,
1.2174

■ 44.9811, 41.1671,
38.9251

■ 50.8772, 49.7947,
50.6462

■ 57.7232, 59.8123,
64.2560

■ 65.5586, 71.2777,
79.8326

■ 74.4205, 84.2451,
97.4500

■ 79.8223, 92.1498,
108.1874

Harmonies

Analogous

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



31.8954, 19.2535, 21.9238



30.0059, 19.2535, 9.1560



24.8205, 19.2535, 3.8223

Triad

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



30.0059, 19.2535, 9.1560



10.3438, 19.2535, 8.2451



17.9717, 19.2535, 71.9788

Complementary

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



30.0059, 19.2535, 9.1560



36.9997, 51.2398, 67.6144

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.



13.0347, 19.2535, 61.6832



30.0059, 19.2535, 9.1560



9.2490, 19.2535, 20.0323

Square

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



30.0059, 19.2535, 9.1560



13.4962, 19.2535, 3.5262



10.1197, 19.2535, 40.0945



24.1263, 19.2535, 63.6455

Rectangle

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



30.0059, 19.2535, 9.1560



20.6593, 19.2535, 2.6477



10.1197, 19.2535, 40.0945



16.1273, 19.2535, 70.5091

Sweetspot

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



30.0064, 19.2546, 9.1563



74.6522, 70.1523, 68.3496



40.0514, 23.2718, 62.0552



15.4242, 14.2041, 13.5274



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.



30.0064, 19.2546, 9.1563



43.7677, 24.9591, 6.9540



37.0995, 33.4409, 11.5207



11.8088, 11.8084, 12.2689



16.2125, 8.3580, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



36.9997, 51.2398, 67.6144



55.7433, 79.7314, 107.0595



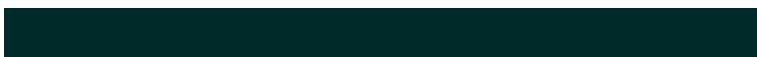
24.1933, 25.6270, 63.3457



12.1584, 13.4070, 15.1907



21.1522, 30.9510, 42.0518



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 30.0059, 19.2535, 9.1560 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 30.0059, 19.2535, 9.1560 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 30.0059, 19.2535, 9.1560

Background



This preview shows how black text looks on a background with the XYZ color 30.0059, 19.2535, 9.1560.



This preview shows how white text looks on a background with the XYZ color 30.0059, 19.2535,

9.1560.

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

30.0059, 19.2535, 9.1560

Protanopia

18.2310, 19.4911, 13.6278

Deuteranopia

19.7453, 19.3225, 8.4833



Tritanopia

30.0821, 19.1729, 9.8998

Trichromacy



Original Color

30.0059, 19.2535, 9.1560

Protanomaly

21.0160, 18.2817, 11.6536

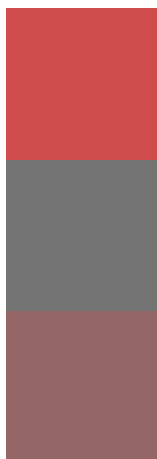
Deuteranomaly

22.5315, 18.5298, 8.6924

Tritanomaly

30.0448, 19.1580, 9.7037

Monochromacy



Original Color

30.0059, 19.2535, 9.1560

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.5441, 16.8516, 14.7930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0059, 19.2535, 9.1560 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(208, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(208, 77, 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(208, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 77, 77) }
```

Border

The CSS property to change the border of an element to XYZ 30.0059, 19.2535, 9.1560 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(208, 77, 77) }
```


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

```
.border{ border-color:rgb(208, 77, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 77, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(208, 77,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0059, 19.2535, 9.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 77, 77) }
```

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

```
.background{ background-color: rgb(208, 77,  
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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