

Converting Colors

XYZ(29.2618, 16.5355, 4.3388)

Have a look what the booklet for
XYZ(29.2618, 16.5355, 4.3388)
contains.

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Color

**XYZ(29.2612, 16.5344,
4.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	D62F2F
RGB	214, 47, 47
RGB Percent	84%, 18%, 18%
CMY	0.1608, 0.8156, 0.8157
CMYK	0.00, 0.78, 0.78, 0.16
HSL	0°, 67%, 51%
HSV	0°, 78%, 84%
XYZ	29.2612, 16.5344, 4.3385
YIQ	96.9330, 99.5320, 35.4040

Conversions

Conversions Part 2

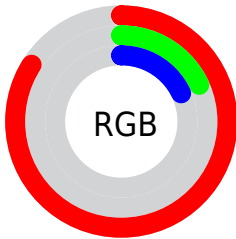
Format	Color
R _Y B	214, 47, 47
Decimal	14036783
CIE Lab	47.67, 63.18, 41.46
CIE LCh	48, 75.573, 33.273
Yxy	16.5344, 0.5837, 0.3298
Android (android.graphics.Color)	4292226863 (0xFFD62F2F)
YUV	96.9330, -24.6170, 102.6678
Hunter-Lab	40.6625, 57.2912, 22.1378

Details

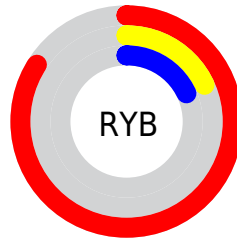
The XYZ color **29.2612, 16.5344, 4.3385** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **37.3530, 53.5456, 71.9846**, and the grayscale version is **11.3886, 11.9817, 13.0481**.

A 20% lighter version of the original color is **48.6229, 32.7933, 14.3567**, and **12.7735, 6.5837, 0.6550** is the 20% darker color. If you saturate the color by 10%, you get **28.2744, 15.0907, 2.3766**, and if you desaturate by 10%, it is **30.8792, 18.9025, 7.5541**.

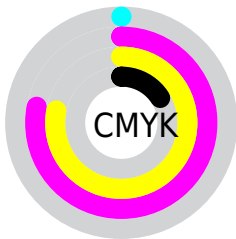
Distribution



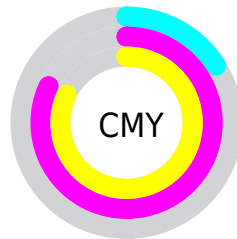
- Red (84%)
- Green (18%)
- Blue (18%)



- Red (84%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (16%)





- Cyan (16%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2612, 16.5344, 4.3385 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 29.2612, 16.5344, 4.3385 by changing the saturation by 10% instead.


 29.2612, 16.5344,
4.3385


 29.2612, 16.5344,
4.3385


290.4174,
232.4748, 151.9166


 19.4238, 9.9031,
1.8128


 57.8865, 37.5235,
14.7832


 12.0827, 5.3348,
0.4364


 77.4051, 52.6501,
23.5393


 6.8726, 2.4450,
0.0000


 100.8815, 71.3772,
35.2093

 3.4282, 0.8489,
0.0000

 128.6810, 94.0893,
50.2118

 1.3840, 0.0000,
0.0000

 161.1690,
121.1706, 68.9652

 0.2448, 0.0000,
0.0000

 198.7108,

 0.0000, 0.0000,

153.0058, 91.8881

0.0000

241.6718,
189.9790, 119.3990

■ 29.2612, 16.5344,
4.3385

■ 29.2612, 16.5344,
4.3385

■ 28.2744, 15.0907,
2.3766

■ 30.8792, 18.9025,
7.5541

■ 27.8002, 14.3968,
1.4342


■ 33.2085, 22.3112,
12.1845


■ 27.7316, 14.2964,
1.2979

■ 36.3189, 26.8625,
18.3675


■ 40.2712, 32.6460,
26.2245

■ 45.1205, 39.7419,
35.8647

 50.9172, 48.2240,
47.3882

 57.7077, 58.1604,
60.8877

 65.5357, 69.6148,
76.4498

 74.4420, 82.6472,
94.1557

Harmonies

Analogous

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



32.5677, 16.5344, 15.9626



29.2612, 16.5344, 4.3385



22.3075, 16.5344, 1.0282

Triad

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



29.2612, 16.5344, 4.3385



6.7377, 16.5344, 5.9239



16.4684, 16.5344, 86.4862

Complementary

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



29.2612, 16.5344, 4.3385



37.3530, 53.5456, 71.9846

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.



10.5697, 16.5344, 75.8198



29.2612, 16.5344, 4.3385



5.9905, 16.5344, 20.2106

Square

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



29.2612, 16.5344, 4.3385



9.6145, 16.5344, 1.3763



7.1680, 16.5344, 47.0778



23.9687, 16.5344, 70.4171

Rectangle

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



29.2612, 16.5344, 4.3385



17.2859, 16.5344, 0.4987



7.1680, 16.5344, 47.0778



14.2432, 16.5344, 85.9312

Sweetspot

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



29.2616, 16.5354, 4.3387



71.0637, 64.9015, 61.2155



40.8855, 21.1841, 65.5521



14.5602, 12.9399, 11.8097



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.



29.2616, 16.5354, 4.3387



41.5037, 21.6461, 2.4538



36.2938, 30.5999, 6.6828



12.4234, 12.4210, 12.9034



16.7621, 8.6414, 0.7845



1.0110, 0.5213, 0.0473

Inverse Universe

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



37.3530, 53.5456, 71.9846



54.0059, 78.8320, 106.9774



21.3591, 21.5579, 66.6534



12.7922, 14.1077, 15.9864



21.8684, 31.9987, 43.4769



1.3190, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 29.2612, 16.5344, 4.3385 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 29.2612, 16.5344, 4.3385 looks on a black 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

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

XYZ 29.2612, 16.5344, 4.3385

Background



This preview shows how black text looks on a background with the XYZ color 29.2612, 16.5344, 4.3385.



This preview shows how white text looks on a background with the XYZ color 29.2612, 16.5344,

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

29.2612, 16.5344, 4.3385

Protanopia

15.4879, 16.7998, 7.7366

Deuteranopia

16.9790, 16.6803, 3.8381



Tritanopia

29.2816, 16.5426, 4.4460

Trichromacy



Original Color

29.2612, 16.5344, 4.3385

Protanomaly

18.3764, 14.8067, 6.1644

Deuteranomaly

20.0562, 15.2371, 3.8034

Tritanomaly

29.2816, 16.5426, 4.4460

Monochromacy



Original Color

29.2612, 16.5344, 4.3385

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

15.0225, 11.7319, 8.8699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2612, 16.5344, 4.3385 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(214, 47, 47)` looks like.

```
.text, #text, p{  
    color:rgb(214, 47, 47)  
}
```

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(214, 47, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 47, 47) }
```

Border

The CSS property to change the border of an element to XYZ 29.2612, 16.5344, 4.3385 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(214, 47, 47) }
```


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

```
.border{ border-color:rgb(214, 47, 47) }
```

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

Here you see how a box with a 4 pixel rgb(214, 47, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 47, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 47, 47);  
box-shadow:4px 4px 4px 4px rgb(214, 47,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2612, 16.5344, 4.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 47, 47) }
```

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

```
.background{ background-color: rgb(214, 47,  
47) }
```

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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