

Converting Colors

XYZ(29.1629, 18.2753, 6.6931)

Have a look what the booklet for
XYZ(29.1629, 18.2753, 6.6931)
contains.

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Color

**XYZ(29.1629, 18.2753,
6.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	D0473F
RGB	208, 71, 63
RGB Percent	82%, 28%, 25%
CMY	0.1843, 0.7215, 0.7529
CMYK	0.00, 0.66, 0.70, 0.18
HSL	3°, 61%, 53%
HSV	3°, 70%, 82%
XYZ	29.1629, 18.2753, 6.6930
YIQ	111.0510, 84.2200, 26.5560

Conversions

Conversions Part 2

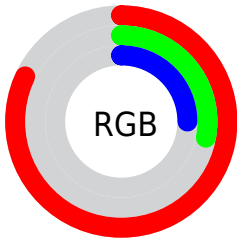
Format	Color
R_{YB}	208, 71, 63
Decimal	13649727
CIE _{Lab}	49.83, 53.49, 34.57
CIE _{LCh}	50, 63.689, 32.869
Yxy	18.2753, 0.5387, 0.3376
Android (android.graphics.Color)	4291839807 (0xFFD0473F)
YUV	111.0510, -23.6891, 85.0243
Hunter-Lab	42.7496, 46.9571, 20.6421

Details

The XYZ color **29.1629, 18.2753, 6.6930** 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 **34.0871, 46.9151, 66.9331**, and the grayscale version is **15.1747, 15.9649, 17.3858**.

A 20% lighter version of the original color is **51.5701, 37.3294, 19.5262**, and **11.9803, 6.1615, 1.2197** is the 20% darker color. If you saturate the color by 10%, you get **27.6333, 15.9775, 3.8369**, and if you desaturate by 10%, it is **31.3168, 21.4710, 10.8403**.

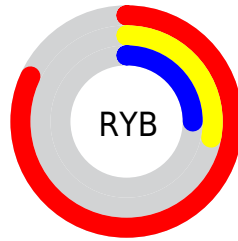
Distribution



Red (82%)

Green (28%)

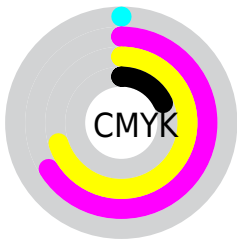
Blue (25%)



Red (82%)

Yellow (28%)

Blue (25%)

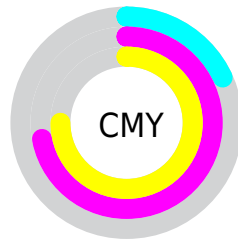


Cyan (0%)

Magenta (66%)

Yellow (70%)

Black (18%)



Cyan (18%)


Magenta (72%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1629, 18.2753, 6.6930 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 29.1629, 18.2753, 6.6930 by changing the saturation by 10% instead.


 29.1629, 18.2753,
6.6930


 29.1629, 18.2753,
6.6930


289.9631,
242.4182, 174.6208


 19.3490, 11.1478,
3.1953


 57.7316, 40.5059,
19.8551


 12.0282, 6.1663,
1.1952


 77.2170, 56.3778,
30.3567

 6.8352, 2.9465,
0.0000


 100.6571, 75.9332,
44.0299

 3.4047, 1.1039,
0.0000

 128.4170, 99.5567,
61.2935

 1.3712, 0.0000,
0.0000

 160.8623,
127.6325, 82.5658

 0.2356, 0.0000,
0.0000

 198.3581,

 0.0000, 0.0000,

160.5451, 108.2654

0.0000

241.2700,
198.6789, 138.8109

■ 29.1629, 18.2753,
6.6930

■ 29.1629, 18.2753,
6.6930

■ 27.6333, 15.9775,
3.8369

■ 31.3168, 21.4710,
10.8403

■ 26.6600, 14.4828,
2.1194

■ 34.1512, 25.6407,
16.4063


■ 26.1477, 13.6754,
1.2787


■ 37.7172, 30.8560,
23.5042


■ 26.1376, 13.6605,
1.2591


■ 42.0610, 37.1809,
32.2356

■ 47.2246, 44.6744,
42.6933

 53.2473, 53.3910,
54.9631

 60.1658, 63.3821,
69.1252

 68.0145, 74.6961,
85.2549

 76.8261, 87.3788,
103.4236

Harmonies

Analogous

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



31.8668, 18.2753, 18.2685



29.1629, 18.2753, 6.6930



23.2687, 18.2753, 2.4962

Triad

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



29.1629, 18.2753, 6.6930



8.9014, 18.2753, 8.1982



17.9622, 18.2753, 75.6091

Complementary

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



29.1629, 18.2753, 6.6930



34.0871, 46.9151, 66.9331

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.



12.5635, 18.2753, 67.0786



29.1629, 18.2753, 6.6930



8.1112, 18.2753, 21.6231

Square

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



29.1629, 18.2753, 6.6930



11.7639, 18.2753, 2.9404



9.2816, 18.2753, 44.1782



24.5230, 18.2753, 63.3790

Rectangle

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



29.1629, 18.2753, 6.6930



18.8629, 18.2753, 1.7322



9.2816, 18.2753, 44.1782



15.9582, 18.2753, 75.0816

Sweetspot

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



29.1633, 18.2764, 6.6933



73.5256, 68.8781, 64.9559



38.3030, 21.1701, 57.1714



15.2316, 14.0090, 12.8772



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.



29.1633, 18.2764, 6.6933



42.8931, 23.9314, 4.4381



36.6945, 33.3386, 9.2037



11.8604, 11.9115, 12.2861



16.3133, 8.5596, 0.7924



0.9310, 0.5162, 0.0506

Inverse Universe

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



34.0871, 46.9151, 66.9331



51.0577, 71.8897, 105.7928



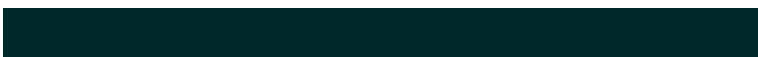
21.1868, 21.1145, 62.6330



12.1001, 13.2905, 15.1712



19.4947, 27.6361, 41.4993



1.1075, 1.5801, 2.3262

Previews

White Background



This preview shows how the XYZ color 29.1629, 18.2753, 6.6930 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 29.1629, 18.2753, 6.6930 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 29.1629, 18.2753, 6.6930

Background



This preview shows how black text looks on a background with the XYZ color 29.1629, 18.2753, 6.6930.



This preview shows how white text looks on a background with the XYZ color 29.1629, 18.2753,

6.6930.

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

29.1629, 18.2753, 6.6930

Protanopia

17.0981, 18.4400, 10.2475

Deuteranopia

18.6273, 18.2891, 6.1628



Tritanopia

29.4052, 18.2713, 8.2802

Trichromacy



Original Color

29.1629, 18.2753, 6.6930

Protanomaly

20.0880, 17.2663, 8.7525

Deuteranomaly

21.4936, 17.4759, 6.2433

Tritanomaly

29.2768, 18.2199, 7.6040

Monochromacy



Original Color

29.1629, 18.2753, 6.6930

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.0573, 15.2849, 12.5882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1629, 18.2753, 6.6930 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, 71, 63)` looks like.

```
.text, #text, p{  
    color:rgb(208, 71, 63)  
}
```

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, 71, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 71, 63) }
```

Border

The CSS property to change the border of an element to XYZ 29.1629, 18.2753, 6.6930 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, 71, 63) }
```


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

```
.border{ border-color:rgb(208, 71, 63) }
```

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

Here you see how a box with a 4 pixel rgb(208, 71, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 71, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 71, 63);  
box-shadow:4px 4px 4px 4px rgb(208, 71,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1629, 18.2753, 6.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 71, 63) }
```

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

```
.background{ background-color: rgb(208, 71,  
63) }
```

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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