

Converting Colors

XYZ(28.4141, 16.4804, 7.3775)

Have a look what the booklet for
XYZ(28.4141, 16.4804, 7.3775)
contains.

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Color

**XYZ(28.4058, 16.4779,
7.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	D03645
RGB	208, 54, 69
RGB Percent	82%, 21%, 27%
CMY	0.1843, 0.7882, 0.7294
CMYK	0.00, 0.74, 0.67, 0.18
HSL	354°, 62%, 51%
HSV	354°, 74%, 82%
XYZ	28.4058, 16.4779, 7.3136
YIQ	101.7560, 86.9690, 37.3130

Conversions

Conversions Part 2

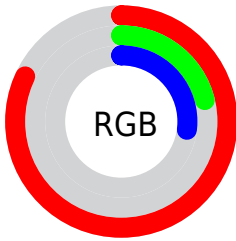
Format	Color
R_{YB}	208, 54, 69
Decimal	13645381
CIE _{Lab}	47.60, 60.17, 28.35
CIE _{LCh}	48, 66.517, 25.225
Yxy	16.4779, 0.5442, 0.3157
Android (android.graphics.Color)	4291835461 (0xFFD03645)
YUV	101.7560, -16.1487, 93.1760
Hunter-Lab	40.5930, 53.8715, 17.7329

Details

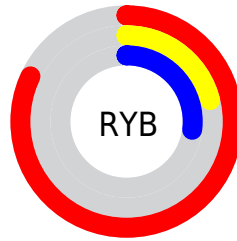
The XYZ color **28.4058, 16.4779, 7.3136** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.7045, 49.7468, 58.2838**, and the grayscale version is **12.5917, 13.2474, 14.4264**.

A 20% lighter version of the original color is **50.2451, 34.1327, 20.7697**, and **12.0405, 6.1856, 1.5366** is the 20% darker color. If you saturate the color by 10%, you get **27.1426, 14.7415, 4.4580**, and if you desaturate by 10%, it is **30.2678, 19.1173, 11.2786**.

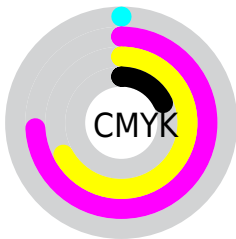
Distribution



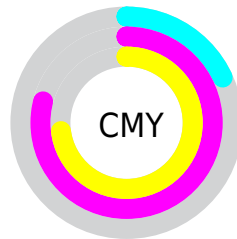
- Red (82%)
- Green (21%)
- Blue (27%)



- Red (82%)
- Yellow (21%)
- Blue (27%)



- Cyan (0%)
- Magenta (74%)
- Yellow (67%)
- Black (18%)





- Cyan (18%)
- Magenta (79%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4058, 16.4779, 7.3136 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 28.4058, 16.4779, 7.3136 by changing the saturation by 10% instead.


 28.4058, 16.4779,
7.3136


 28.4058, 16.4779,
7.3136


286.4460,
232.1454, 179.9732


 18.7738, 9.8630,
3.5776


 56.5358, 37.4259,
21.1249


 11.6100, 5.3082,
1.3966


 75.7645, 52.5277,
32.0372

 6.5490, 2.4292,
0.1391


 98.9228, 71.2273,
46.1788

 3.2255, 0.8409,
0.0000

 126.3761, 93.9091,
63.9680

 1.2741, 0.0000,
0.0000

 158.4897,
120.9574, 85.8236

 0.1637, 0.0000,
0.0000

195.6290,

 0.0000, 0.0000,

152.7566, 112.1639

0.0000

238.1593,
189.6911, 143.4076

■ 28.4058, 16.4779,
7.3136

■ 28.4058, 16.4779,
7.3136

■ 27.1426, 14.7415,
4.4580

■ 30.2678, 19.1173,
11.2786

■ 26.4021, 13.7842,
2.5967

■ 32.7900, 22.7569,
16.4507

■ 26.1408, 13.4612,
1.8939

■ 36.0277, 27.4846,
22.9177

■ 40.0298, 33.3779,
30.7590

■ 44.8408, 40.5072,
40.0478

■ 50.5021, 48.9373,
50.8518

■ 57.0519, 58.7285,
63.2346

■ 64.5263, 69.9372,
77.2561

■ 72.9594, 82.6170,
92.9732

Harmonies

Analogous

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



29.9925, 16.4779, 20.7994



28.4058, 16.4779, 7.3136



23.1062, 16.4779, 2.2657

Triad

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



28.4058, 16.4779, 7.3136



8.0393, 16.4779, 5.0186



14.7317, 16.4779, 74.1167

Complementary

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



28.4058, 16.4779, 7.3136



33.7045, 49.7468, 58.2838

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.



10.0174, 16.4779, 60.3473



28.4058, 16.4779, 7.3136



6.8259, 16.4779, 15.3584

Square

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



28.4058, 16.4779, 7.3136



11.2880, 16.4779, 1.6480



7.4460, 16.4779, 35.7651



21.0405, 16.4779, 66.6573

Rectangle

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



28.4058, 16.4779, 7.3136



18.7531, 16.4779, 1.2677



7.4460, 16.4779, 35.7651



12.9303, 16.4779, 71.6565

Sweetspot

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



28.4062, 16.4789, 7.3139



72.5828, 66.4378, 66.3521



34.5955, 18.4785, 61.4176



15.0456, 13.4922, 13.2621



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.



28.4062, 16.4789, 7.3139



42.2352, 22.3244, 5.1166



32.8785, 26.0765, 6.7918



11.8548, 11.8267, 12.5113



16.3088, 8.3964, 1.2664



0.9283, 0.4760, 0.1570

Inverse Universe

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



28.4062, 16.4789, 7.3139



42.2352, 22.3244, 5.1166



23.2483, 26.0212, 63.4715



11.8548, 11.8267, 12.5113



16.3088, 8.3964, 1.2664



0.9283, 0.4760, 0.1570

Previews

White Background



This preview shows how the XYZ color 28.4058, 16.4779, 7.3136 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 28.4058, 16.4779, 7.3136 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 28.4058, 16.4779, 7.3136

Background



This preview shows how black text looks on a background with the XYZ color 28.4058, 16.4779, 7.3136.



This preview shows how white text looks on a background with the XYZ color 28.4058, 16.4779,

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

28.4058, 16.4779, 7.3136

Protanopia

15.5826, 16.5760, 12.5034

Deuteranopia

16.8523, 16.5510, 6.7213



Tritanopia

28.1903, 16.5437, 5.7105

Trichromacy



Original Color

28.4058, 16.4779, 7.3136

Protanomaly

18.3763, 14.9698, 10.3084

Deuteranomaly

19.7250, 15.2421, 6.7529

Tritanomaly

28.2481, 16.4901, 6.2515

Monochromacy



Original Color

28.4058, 16.4779, 7.3136

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

16.0785, 12.8979, 11.3150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4058, 16.4779, 7.3136 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, 54, 69)` looks like.

```
.text, #text, p{  
    color:rgb(208, 54, 69)  
}
```

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, 54, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 54, 69) }
```

Border

The CSS property to change the border of an element to XYZ 28.4058, 16.4779, 7.3136 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, 54, 69) }
```


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

```
.border{ border-color:rgb(208, 54, 69) }
```

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

Here you see how a box with a 4 pixel rgb(208, 54, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 54, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 54, 69);  
box-shadow:4px 4px 4px 4px rgb(208, 54,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4058, 16.4779, 7.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 54, 69) }
```

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

```
.background{ background-color: rgb(208, 54,  
69) }
```

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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