

Converting Colors

XYZ(35.1439, 18.0978, 2.5251)

Have a look what the booklet for
XYZ(35.1439, 18.0978, 2.5251)
contains.

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Color

**XYZ(35.0899, 18.0705,
2.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	ED0018
RGB	237, 0, 24
RGB Percent	93%, 0%, 9%
CMY	0.0706, 0.9998, 0.9059
CMYK	0.00, 1.00, 0.90, 0.07
HSL	354°, 100%, 46%
HSV	354°, 100%, 93%
XYZ	35.0899, 18.0705, 2.5027
YIQ	73.5990, 133.5480, 57.7080

Conversions

Conversions Part 2

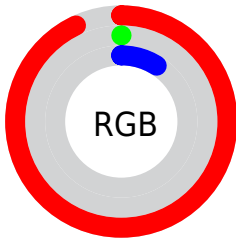
Format	Color
RYB	237, 0, 24
Decimal	15532056
CIELab	49.58, 76.01, 56.21
CIElCh	50, 94.534, 36.481
Yxy	18.0705, 0.6304, 0.3246
Android (android.graphics.Color)	4293722136 (0xFFED0018)
YUV	73.5990, -24.4523, 143.3027
Hunter-Lab	42.5094, 72.9535, 26.2659

Details

The XYZ color **35.0899, 18.0705, 2.5027** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **42.3026, 65.3754, 73.3801**, and the grayscale version is **6.4693, 6.8062, 7.4120**.

A 20% lighter version of the original color is **46.3240, 29.5566, 9.3943**, and **16.7946, 8.6579, 0.7860** is the 20% darker color. If you saturate the color by 10%, you get **35.0890, 18.0701, 2.4996**, and if you desaturate by 10%, it is **35.7261, 18.8397, 4.2671**.

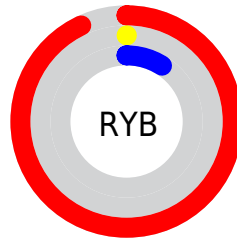
Distribution



Red (93%)

Green (0%)

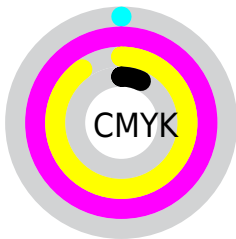
Blue (9%)



Red (93%)

Yellow (0%)

Blue (9%)

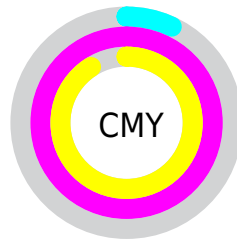


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (7%)



Cyan (7%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0899, 18.0705, 2.5027 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 35.0899, 18.0705, 2.5027 by changing the saturation by 10% instead.


 35.0899, 18.0705,
2.5027


 35.0899, 18.0705,
2.5027


316.4660,
241.2681, 129.7504


 23.8990, 11.0006,
0.8416


 66.9581, 40.1574,
10.3745


 15.3830, 6.0673,
0.0000


 88.3661, 55.9432,
17.4273

 9.1767, 2.8860,
0.0000


 113.9105, 75.4032,
27.1163

 4.9147, 1.0725,
0.0000

 143.9567, 98.9216,
39.8597

 2.2315, 0.0000,
0.0000

 178.8700,
126.8829, 56.0764


 0.7593, 0.0000,
0.0000


 219.0157,


 0.0000, 0.0000,


159.6715, 76.1846


0.0000


 264.7593,
197.6718, 100.6031


 35.0899, 18.0705,
2.5027


 35.0899, 18.0705,
2.5027


 35.0890, 18.0701,
2.4996

 35.7261, 18.8397,
4.2671

 36.9613, 20.4752,
7.2534

 38.9463, 23.2347,
11.6467

 41.7769, 27.2729,
17.5933

 45.5344, 32.7200,
25.2211

■ 50.2906, 39.6900,
34.6447

■ 56.1103, 48.2855,
45.9685

■ 63.0526, 58.6000,
59.2888

■ 71.1724, 70.7200,
74.6955

Harmonies

Analogous

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



40.6162, 18.0705, 14.6142



35.0899, 18.0705, 2.5027



25.0101, 18.0705, 0.0000

Triad

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



35.0899, 18.0705, 2.5027



5.7251, 18.0705, 5.8222



19.1950, 18.0705, 120.7229

Complementary

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



35.0899, 18.0705, 2.5027



42.3026, 65.3754, 73.3801

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.



11.1761, 18.0705, 108.4796



35.0899, 18.0705, 2.5027



5.1131, 18.0705, 25.7887

Square

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



35.0899, 18.0705, 2.5027



8.8323, 18.0705, 0.6625



6.7120, 18.0705, 66.0194



29.5928, 18.0705, 92.0063

Rectangle

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



35.0899, 18.0705, 2.5027



18.2548, 18.0705, 0.0000



6.7120, 18.0705, 66.0194



16.1395, 18.0705, 121.4698

Sweetspot

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



35.0903, 18.0717, 2.5029



66.1474, 56.8551, 54.0699



41.6821, 19.7231, 81.7300



13.5036, 11.2007, 10.3046



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.



35.0903, 18.0717, 2.5029



41.4238, 21.3335, 2.8980



38.6566, 25.4676, 2.8801



15.1273, 15.0788, 15.9557



19.1794, 9.8744, 1.4800



1.5269, 0.7837, 0.2262

Inverse Universe

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



35.0903, 18.0717, 2.5029



41.4238, 21.3335, 2.8980



25.5923, 26.7260, 83.9298



15.1273, 15.0788, 15.9557



19.1794, 9.8744, 1.4800



1.5269, 0.7837, 0.2262

Previews

White Background



This preview shows how the XYZ color 35.0899, 18.0705, 2.5027 looks on a white background.

Color Contrast Check

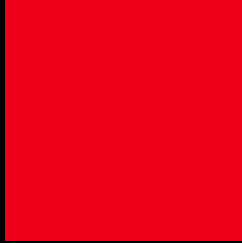
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0899, 18.0705, 2.5027 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 35.0899, 18.0705, 2.5027

Background



This preview shows how black text looks on a background with the XYZ color 35.0899, 18.0705, 2.5027.



This preview shows how white text looks on a background with the XYZ color 35.0899, 18.0705,

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

35.0899, 18.0705, 2.5027

Protanopia

17.0216, 18.6907, 5.1932

Deuteranopia

18.7798, 18.6139, 2.6030

Trichromacy



Original Color

35.0899, 18.0705, 2.5027

Protanomaly

19.7130, 13.9604, 3.4059

Deuteranomaly

21.7233, 14.7299, 1.9567

Monochromacy



Original Color

35.0899, 18.0705, 2.5027

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

11.4032, 7.3051, 4.5504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0899, 18.0705, 2.5027 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(237, 0, 24)` looks like.

```
.text, #text, p{  
  color:rgb(237, 0, 24)  
}
```

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(237, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 24) }
```

Border

The CSS property to change the border of an element to XYZ 35.0899, 18.0705, 2.5027 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(237, 0, 24) }
```

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

```
.border{ border-color:rgb(237, 0, 24) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(237, 0, 24)  
}
```


Background

The CSS property to change the background color of an element to XYZ 35.0899, 18.0705, 2.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 24) }
```

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

```
.background{ background-color: rgb(237, 0,  
24) }
```

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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