

Converting Colors

XYZ(35.1453, 18.0984, 2.5329)

Have a look what the booklet for
XYZ(35.1453, 18.0984, 2.5329)
contains.

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Color

**XYZ(35.1005, 18.0747,
2.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	ED0019
RGB	237, 0, 25
RGB Percent	93%, 0%, 10%
CMY	0.0706, 0.9998, 0.9020
CMYK	0.00, 1.00, 0.89, 0.07
HSL	354°, 100%, 46%
HSV	354°, 100%, 93%
XYZ	35.1005, 18.0747, 2.5585
YIQ	73.7130, 133.2270, 58.0190

Conversions

Conversions Part 2

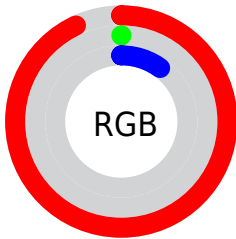
Format	Color
RYB	237, 0, 25
Decimal	15532057
CIELab	49.59, 76.02, 55.80
CIElCh	50, 94.302, 36.276
Yxy	18.0747, 0.6298, 0.3243
Android (android.graphics.Color)	4293722137 (0xFFED0019)
YUV	73.7130, -24.0155, 143.2027
Hunter-Lab	42.5144, 72.9722, 26.1920

Details

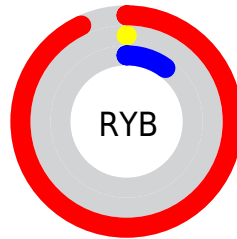
The XYZ color **35.1005, 18.0747, 2.5585** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **42.1757, 65.3246, 72.7118**, and the grayscale version is **6.4885, 6.8264, 7.4340**.

A 20% lighter version of the original color is **46.3569, 29.5697, 9.5676**, and **16.7946, 8.6579, 0.7860** is the 20% darker color. If you saturate the color by 10%, you get **35.0996, 18.0743, 2.5555**, and if you desaturate by 10%, it is **35.7437, 18.8467, 4.3600**.

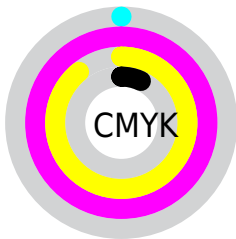
Distribution



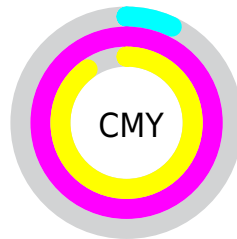
- Red (93%)
- Green (0%)
- Blue (10%)



- Red (93%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (89%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1005, 18.0747, 2.5585 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 35.1005, 18.0747, 2.5585 by changing the saturation by 10% instead.


 35.1005, 18.0747,
2.5585


 35.1005, 18.0747,
2.5585


316.5120,
241.2918, 130.5220


 23.9072, 11.0036,
0.8709


 66.9744, 40.1646,
10.5181


 15.3891, 6.0693,
0.0000


 88.3857, 55.9522,
17.6301


 9.1810, 2.8873,
0.0000


 113.9338, 75.4141,
27.3884

 4.9175, 1.0732,
0.0000

 143.9839, 98.9346,
40.2114

 2.2332, 0.0000,
0.0000

 178.9014,
126.8983, 56.5177


 0.7602, 0.0000,
0.0000


 219.0516,


 0.0000, 0.0000,


159.6894, 76.7259

0.0000


 264.8001,
197.6925, 101.2545


 35.1005, 18.0747,
2.5585


 35.1005, 18.0747,
2.5585


 35.0996, 18.0743,
2.5555

 35.7437, 18.8467,
4.3600

 36.9853, 20.4846,
7.3797

 38.9753, 23.2461,
11.7997

 41.8091, 27.2855,
17.7641

 45.5679, 32.7329,
25.3987

■ 50.3230, 39.7023,
34.8166

■ 56.1388, 48.2962,
46.1207

■ 63.0745, 58.6079,
59.4062

■ 71.1845, 70.7238,
74.7618

Harmonies

Analogous

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



40.5609, 18.0747, 14.7739



35.1005, 18.0747, 2.5585



25.0662, 18.0747, 0.0000

Triad

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



35.1005, 18.0747, 2.5585



5.7576, 18.0747, 5.7739



19.1281, 18.0747, 120.4007

Complementary

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



35.1005, 18.0747, 2.5585



42.1757, 65.3246, 72.7118

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.



11.1493, 18.0747, 107.9269



35.1005, 18.0747, 2.5585



5.1306, 18.0747, 25.5680

Square

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



35.1005, 18.0747, 2.5585



8.8830, 18.0747, 0.6621



6.7128, 18.0747, 65.5501



29.4911, 18.0747, 92.0398

Rectangle

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



35.1005, 18.0747, 2.5585



18.3205, 18.0747, 0.0000



6.7128, 18.0747, 65.5501



16.0868, 18.0747, 121.0409

Sweetspot

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



35.1009, 18.0759, 2.5587



66.1819, 56.8689, 54.2516



41.6820, 19.7230, 81.7301



13.5114, 11.2038, 10.3460



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.



35.1009, 18.0759, 2.5587



41.4360, 21.3384, 2.9622



38.6565, 25.4673, 2.8800



15.1299, 15.0798, 15.9694



19.1858, 9.8770, 1.5139



1.5282, 0.7842, 0.2327

Inverse Universe

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



35.1009, 18.0759, 2.5587



41.4360, 21.3384, 2.9622



25.5922, 26.7258, 83.9298



15.1299, 15.0798, 15.9694



19.1858, 9.8770, 1.5139



1.5282, 0.7842, 0.2327

Previews

White Background



This preview shows how the XYZ color 35.1005, 18.0747, 2.5585 looks on a white background.

Color Contrast Check

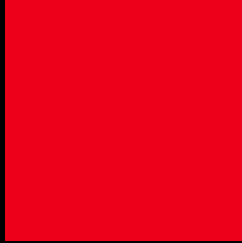
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1005, 18.0747, 2.5585 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 35.1005, 18.0747, 2.5585

Background



This preview shows how black text looks on a background with the XYZ color 35.1005, 18.0747, 2.5585.



This preview shows how white text looks on a background with the XYZ color 35.1005, 18.0747,

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

35.1005, 18.0747, 2.5585

Protanopia

17.0411, 18.6985, 5.2958

Deuteranopia

18.7798, 18.6139, 2.6030



Tritanopia

34.5479, 18.2360, 1.6990

Trichromacy



Original Color

35.1005, 18.0747, 2.5585

Protanomaly

19.7289, 13.9668, 3.4897

Deuteranomaly

21.7233, 14.7299, 1.9567

Tritanomaly

34.7984, 18.1667, 1.9309

Monochromacy



Original Color

35.1005, 18.0747, 2.5585

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 35.1005, 18.0747, 2.5585 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 25) }
```

Border

The CSS property to change the border of an element to XYZ 35.1005, 18.0747, 2.5585 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, 25) }
```


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

```
.border{ border-color:rgb(237, 0, 25) }
```

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, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(237, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to XYZ 35.1005, 18.0747, 2.5585 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, 25) }
```

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

```
.background{ background-color: rgb(237, 0,  
25) }
```

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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