

Converting Colors

XYZ(34.9088, 17.9061, 5.7036)

Have a look what the booklet for
XYZ(34.9088, 17.9061, 5.7036)
contains.

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Color

**XYZ(35.0504, 17.9779,
5.7604)**

Conversions

Conversions Part 1

Format	Color
Hex	EB003B
RGB	235, 0, 59
RGB Percent	92%, 0%, 23%
CMY	0.0784, 0.9998, 0.7686
CMYK	0.00, 1.00, 0.75, 0.08
HSL	345°, 100%, 46%
HSV	345°, 100%, 92%
XYZ	35.0504, 17.9779, 5.7604
YIQ	76.9910, 121.1210, 68.1690

Conversions

Conversions Part 2

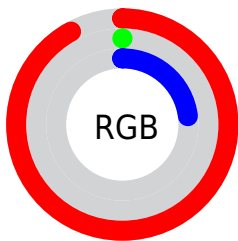
Format	Color
R _Y B	235, 0, 59
Decimal	15401019
CIE Lab	49.47, 76.36, 37.80
CIE LCh	49, 85.202, 26.335
Yxy	17.9779, 0.5962, 0.3058
Android (android.graphics.Color)	4293591099 (0xFFEB003B)
YUV	76.9910, -8.8696, 138.5739
Hunter-Lab	42.4004, 73.3570, 21.6253

Details

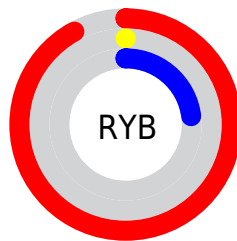
The XYZ color **35.0504, 17.9779, 5.7604** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **37.5507, 62.5534, 51.1972**, and the grayscale version is **7.0582, 7.4257, 8.0866**.

A 20% lighter version of the original color is **47.7559, 30.1293, 16.9342**, and **16.6867, 8.5897, 1.3508** is the 20% darker color. If you saturate the color by 10%, you get **35.0491, 17.9774, 5.7548**, and if you desaturate by 10%, it is **35.9039, 18.8274, 8.6899**.

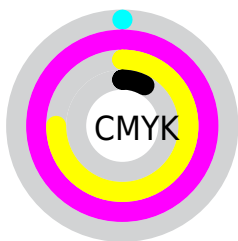
Distribution



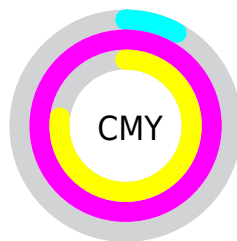
- Red (92%)
- Green (0%)
- Blue (23%)



- Red (92%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0504, 17.9779, 5.7604 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 35.0504, 17.9779, 5.7604 by changing the saturation by 10% instead.


 35.0504, 17.9779,
5.7604


 35.0504, 17.9779,
5.7604


316.2949,
240.7465, 166.1445


 23.8684, 10.9341,
2.6335


 66.8973, 39.9997,
17.9005


 15.3602, 6.0226,
0.9097


 88.2930, 55.7464,
27.7508


 9.1606, 2.8588,
0.0000


 113.8239, 75.1630,
40.6794

 4.9040, 1.0585,
0.0000

 143.8554, 98.6337,
57.1047

 2.2252, 0.0000,
0.0000

 178.7530,
126.5431, 77.4453

 0.7560, 0.0000,
0.0000

 218.8818,

 0.0000, 0.0000,

159.2754, 102.1198

0.0000

264.6073,
197.2150, 131.5467

■ 35.0504, 17.9779,
5.7604

■ 35.0504, 17.9779,
5.7604

■ 35.0491, 17.9774,
5.7548

■ 35.9039, 18.8274,
8.6899

■ 37.3092, 20.5114,
12.6315

■ 39.4000, 23.2778,
17.6910

■ 42.2585, 27.2733,
23.9513

■ 45.9550, 32.6215,
31.4867

■ 50.5511, 39.4309,
40.3650

■ 56.1029, 47.7988,
50.6491

■ 62.6614, 57.8141,
62.3977

■ 70.2743, 69.5591,
75.6662

Harmonies

Analogous

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



37.6545, 17.9779, 22.5470



35.0504, 17.9779, 5.7604



27.1831, 17.9779, 1.0058

Triad

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



35.0504, 17.9779, 5.7604



7.1716, 17.9779, 3.8507



16.1171, 17.9779, 105.4982

Complementary

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



35.0504, 17.9779, 5.7604



37.5507, 62.5534, 51.1972

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.



9.8637, 17.9779, 84.4976



35.0504, 17.9779, 5.7604



5.8282, 17.9779, 16.8762

Square

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



35.0504, 17.9779, 5.7604



11.0999, 17.9779, 0.6245



6.6312, 17.9779, 46.5585



24.9143, 17.9779, 92.2336

Rectangle

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



35.0504, 17.9779, 5.7604



21.0108, 17.9779, 0.1749



6.6312, 17.9779, 46.5585



13.6857, 17.9779, 101.9603

Sweetspot

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



35.0508, 17.9790, 5.7606



67.4177, 57.3632, 60.7596



32.0856, 14.8094, 79.7643



13.7952, 11.3173, 11.8402



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.



35.0508, 17.9790, 5.7606



42.1648, 21.6299, 6.7997



35.6214, 20.3827, 2.0584



15.2205, 15.1160, 16.4464



19.5496, 10.0225, 3.4298



1.5728, 0.8021, 0.4676

Inverse Universe

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



35.0508, 17.9790, 5.7606



42.1648, 21.6299, 6.7997



31.3534, 38.7134, 84.4168



15.2205, 15.1160, 16.4464



19.5496, 10.0225, 3.4298



1.5728, 0.8021, 0.4676

Previews

White Background



This preview shows how the XYZ color 35.0504, 17.9779, 5.7604 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 35.0504, 17.9779, 5.7604 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 35.0504, 17.9779, 5.7604

Background



This preview shows how black text looks on a background with the XYZ color 35.0504, 17.9779, 5.7604.



This preview shows how white text looks on a background with the XYZ color 35.0504, 17.9779,

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

35.0504, 17.9779, 5.7604

Protanopia

17.3021, 18.5041, 12.1109

Deuteranopia

18.7927, 18.3971, 5.1453



Tritanopia

34.3518, 18.1831, 2.1894

Trichromacy



Original Color

35.0504, 17.9779, 5.7604

Protanomaly

19.8959, 13.9344, 8.8487

Deuteranomaly

21.7373, 14.5770, 4.7999

Tritanomaly

34.3632, 17.9384, 3.0178

Monochromacy



Original Color

35.0504, 17.9779, 5.7604

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

12.0353, 7.7072, 6.6476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0504, 17.9779, 5.7604 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(235, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 59)  
}
```

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(235, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 59) }
```

Border

The CSS property to change the border of an element to XYZ 35.0504, 17.9779, 5.7604 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(235, 0, 59) }
```


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

```
.border{ border-color:rgb(235, 0, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 0, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(235, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to XYZ 35.0504, 17.9779, 5.7604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 59) }
```

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

```
.background{ background-color: rgb(235, 0,  
59) }
```

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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