

Converting Colors

XYZ(34.0582, 17.4695, 5.5772)

Have a look what the booklet for
XYZ(34.0582, 17.4695, 5.5772)
contains.

XYZ(34.0424, 17.4613, 5.5791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.0424, 17.4613,
5.5791)**

Conversions

Conversions Part 1

Format	Color
Hex	E8003A
RGB	232, 0, 58
RGB Percent	91%, 0%, 23%
CMY	0.0902, 0.9998, 0.7725
CMYK	0.00, 1.00, 0.75, 0.09
HSL	345°, 100%, 46%
HSV	345°, 100%, 91%
XYZ	34.0424, 17.4613, 5.5791
YIQ	75.9800, 119.6540, 67.2220

Conversions

Conversions Part 2

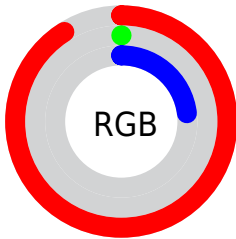
Format	Color
R_{YB}	232, 0, 58
Decimal	15204410
CIE Lab	48.84, 75.62, 37.50
CIE LCh	49, 84.406, 26.379
Yxy	17.4613, 0.5964, 0.3059
Android (android.graphics.Color)	4293394490 (0xFFE8003A)
YUV	75.9800, -8.8641, 136.8295
Hunter-Lab	41.7867, 72.2919, 21.3347

Details

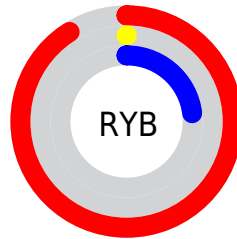
The XYZ color **34.0424, 17.4613, 5.5791** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **36.5026, 60.7713, 49.8796**, and the grayscale version is **6.8720, 7.2299, 7.8733**.

A 20% lighter version of the original color is **47.6169, 29.9342, 16.6328**, and **16.0375, 8.2560, 1.2786** is the 20% darker color. If you saturate the color by 10%, you get **34.0411, 17.4607, 5.5733**, and if you desaturate by 10%, it is **34.8739, 18.2923, 8.4221**.

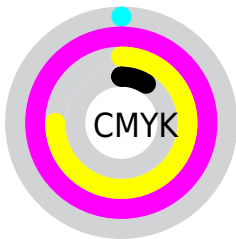
Distribution



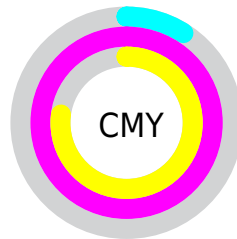
- Red (91%)
- Green (0%)
- Blue (23%)



- Red (91%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0424, 17.4613, 5.5791 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 34.0424, 17.4613, 5.5791 by changing the saturation by 10% instead.


 34.0424, 17.4613,
5.5791


 34.0424, 17.4613,
5.5791


311.9037,
237.8169, 164.4271


 23.0892, 10.5639,
2.5263


 65.3435, 39.1172,
17.5131


 14.7805, 5.7744,
0.8540


 86.4220, 54.6446,
27.2314

 8.7508, 2.7084,
0.0000


 111.6065, 73.8174,
40.0086

 4.6348, 0.9815,
0.0000

 141.2621, 97.0200,
56.2633

 2.0671, 0.0000,
0.0000

 175.7542,
124.6369, 76.4139

 0.6713, 0.0000,
0.0000

 215.4483,

 0.0000, 0.0000,

157.0524, 100.8791

0.0000

260.7097,
194.6509, 130.0773

■ 34.0424, 17.4613,
5.5791

■ 34.0424, 17.4613,
5.5791

■ 34.0411, 17.4607,
5.5733

■ 34.8739, 18.2923,
8.4221

■ 36.2407, 19.9325,
12.2488

■ 38.2733, 22.6237,
17.1623

■ 41.0514, 26.5078,
23.2431

■ 44.6429, 31.7047,
30.5634

■ 49.1079, 38.3193,
39.1892

■ 54.5004, 46.4461,
49.1817

■ 60.8701, 56.1712,
60.5980

■ 68.2632, 67.5742,
73.4919

Harmonies

Analogous

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



36.5823, 17.4613, 21.8643



34.0424, 17.4613, 5.5791



26.3929, 17.4613, 0.9728

Triad

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



34.0424, 17.4613, 5.5791



6.9596, 17.4613, 3.7465



15.6646, 17.4613, 102.5177

Complementary

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



34.0424, 17.4613, 5.5791



36.5026, 60.7713, 49.8796

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.



9.5849, 17.4613, 82.1496



34.0424, 17.4613, 5.5791



5.6579, 17.4613, 16.4199

Square

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



34.0424, 17.4613, 5.5791



10.7716, 17.4613, 0.6000



6.4409, 17.4613, 45.2842



24.2144, 17.4613, 89.5791

Rectangle

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



34.0424, 17.4613, 5.5791



20.3957, 17.4613, 0.1516



6.4409, 17.4613, 45.2842



13.3009, 17.4613, 99.0961

Sweetspot

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



34.0428, 17.4624, 5.5793



67.4083, 57.3594, 60.7097



32.0246, 14.8277, 77.5174



13.7930, 11.3164, 11.8287



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.



34.0428, 17.4624, 5.5793



42.1570, 21.6268, 6.7587



34.7940, 20.1863, 2.0642



14.5239, 14.4268, 15.6935



18.9409, 9.7106, 3.3177



1.4362, 0.7322, 0.4377

Inverse Universe

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



34.0428, 17.4624, 5.5793



42.1570, 21.6268, 6.7587



29.7048, 36.1040, 81.7464



14.5239, 14.4268, 15.6935



18.9409, 9.7106, 3.3177



1.4362, 0.7322, 0.4377

Previews

White Background



This preview shows how the XYZ color 34.0424, 17.4613, 5.5791 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 34.0424, 17.4613, 5.5791 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 34.0424, 17.4613, 5.5791

Background



This preview shows how black text looks on a background with the XYZ color 34.0424, 17.4613, 5.5791.



This preview shows how white text looks on a background with the XYZ color 34.0424, 17.4613,

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

34.0424, 17.4613, 5.5791

Protanopia

16.8029, 18.0806, 11.6211

Deuteranopia

18.3004, 17.9808, 4.9887



Tritanopia

33.3679, 17.6767, 2.1052

Trichromacy



Original Color

34.0424, 17.4613, 5.5791



Protanomaly

19.3376, 13.5533, 8.4343



Deuteranomaly

21.1891, 14.2017, 4.6420



Tritanomaly

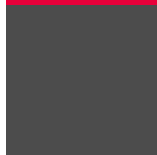
33.3731, 17.4295, 2.9016

Monochromacy



Original Color

34.0424, 17.4613, 5.5791



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.8040, 7.5301, 6.4615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0424, 17.4613, 5.5791 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(232, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 58)  
}
```

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(232, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 58) }
```

Border

The CSS property to change the border of an element to XYZ 34.0424, 17.4613, 5.5791 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(232, 0, 58) }
```


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

```
.border{ border-color:rgb(232, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(232, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to XYZ 34.0424, 17.4613, 5.5791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 58) }
```

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

```
.background{ background-color: rgb(232, 0,  
58) }
```

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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