

Converting Colors

XYZ(34.3072, 17.6654, 2.5357)

Have a look what the booklet for
XYZ(34.3072, 17.6654, 2.5357)
contains.

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Color

**XYZ(34.4364, 17.7324,
2.5274)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0019
RGB	235, 0, 25
RGB Percent	92%, 0%, 10%
CMY	0.0784, 0.9998, 0.9020
CMYK	0.00, 1.00, 0.89, 0.08
HSL	354°, 100%, 46%
HSV	354°, 100%, 92%
XYZ	34.4364, 17.7324, 2.5274
YIQ	73.1150, 132.0350, 57.5950

Conversions

Conversions Part 2

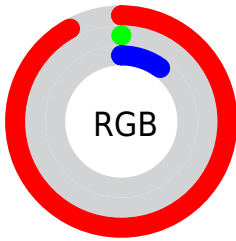
Format	Color
RYB	235, 0, 25
Decimal	15400985
CIELab	49.17, 75.54, 55.31
CIELCh	49, 93.627, 36.210
Yxy	17.7324, 0.6296, 0.3242
Android (android.graphics.Color)	4293591065 (0xFFEB0019)
YUV	73.1150, -23.7207, 141.9731
Hunter-Lab	42.1099, 72.2806, 25.9184

Details

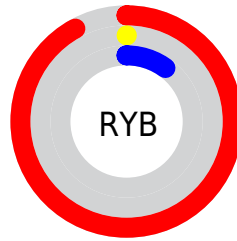
The XYZ color **34.4364, 17.7324, 2.5274** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **41.3493, 64.0727, 71.2004**, and the grayscale version is **6.3830, 6.7154, 7.3130**.

A 20% lighter version of the original color is **46.2697, 29.3953, 9.5385**, and **16.3622, 8.4350, 0.7657** is the 20% darker color. If you saturate the color by 10%, you get **34.4355, 17.7319, 2.5242**, and if you desaturate by 10%, it is **35.0716, 18.4947, 4.3067**.

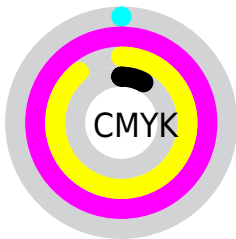
Distribution



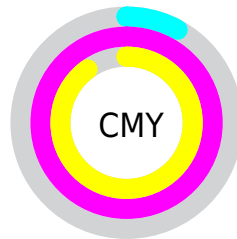
- Red (92%)
- Green (0%)
- Blue (10%)



- Red (92%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (89%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4364, 17.7324, 2.5274 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 34.4364, 17.7324, 2.5274 by changing the saturation by 10% instead.


 34.4364, 17.7324,
2.5274

 34.4364, 17.7324,
2.5274


313.6254,
239.3584, 130.0930


 23.3935, 10.7580,
0.8546


 65.9515, 39.5808,
10.4381


 15.0066, 5.9044,
0.0000


 87.1545, 55.2236,
17.5173

 8.9104, 2.7870,
0.0000


 112.4749, 74.5248,
27.2370

 4.7394, 1.0216,
0.0000

 142.2780, 97.8686,
40.0158

 2.1284, 0.0000,
0.0000

 176.9293,
125.6394, 56.2723


 0.7046, 0.0000,
0.0000


 216.7940,


 0.0000, 0.0000,


158.2217, 76.4249


0.0000


 262.2376,
195.9999, 100.8923


 34.4364, 17.7324,
2.5274


 34.4364, 17.7324,
2.5274


 34.4355, 17.7319,
2.5242

 35.0716, 18.4947,
4.3067

 36.2931, 20.1054,
7.2799

 38.2483, 22.8178,
11.6246

 41.0304, 26.7831,
17.4814

 44.7187, 32.1284,
24.9733

■ 49.3832, 38.9654,
34.2106

■ 55.0869, 47.3945,
45.2938

■ 61.8876, 57.5070,
58.3159

■ 69.8386, 69.3876,
73.3637

Harmonies

Analogous

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



39.7724, 17.7324, 14.5429



34.4364, 17.7324, 2.5274



24.6071, 17.7324, 0.0000

Triad

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



34.4364, 17.7324, 2.5274



5.6583, 17.7324, 5.6493



18.7437, 17.7324, 118.0110

Complementary

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



34.4364, 17.7324, 2.5274



41.3493, 64.0727, 71.2004

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.



10.9291, 17.7324, 105.7031



34.4364, 17.7324, 2.5274



5.0385, 17.7324, 25.0136

Square

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



34.4364, 17.7324, 2.5274



8.7300, 17.7324, 0.6455



6.5854, 17.7324, 64.1584



28.8988, 17.7324, 90.2999

Rectangle

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



34.4364, 17.7324, 2.5274



17.9927, 17.7324, 0.0000



6.5854, 17.7324, 64.1584



15.7646, 17.7324, 118.6061

Sweetspot

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



34.4368, 17.7335, 2.5276



66.1891, 56.8717, 54.2897



40.8931, 19.3500, 80.1761



13.5131, 11.2045, 10.3546



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.



34.4368, 17.7335, 2.5276



41.4386, 21.3394, 2.9759



37.9274, 24.9950, 2.8273



15.1304, 15.0800, 15.9723



19.1872, 9.8776, 1.5212



1.5284, 0.7843, 0.2341

Inverse Universe

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



34.4368, 17.7335, 2.5276



41.4386, 21.3394, 2.9759



25.1123, 26.2310, 82.3360



15.1304, 15.0800, 15.9723



19.1872, 9.8776, 1.5212



1.5284, 0.7843, 0.2341

Previews

White Background



This preview shows how the XYZ color 34.4364, 17.7324, 2.5274 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 34.4364, 17.7324, 2.5274 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 34.4364, 17.7324, 2.5274

Background



This preview shows how black text looks on a background with the XYZ color 34.4364, 17.7324, 2.5274.



This preview shows how white text looks on a background with the XYZ color 34.4364, 17.7324,

2.5274.

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

34.4364, 17.7324, 2.5274

Protanopia

16.6057, 18.2964, 5.2411

Deuteranopia

18.4828, 18.2943, 2.5570



Tritanopia

33.8912, 17.8975, 1.6683

Trichromacy



Original Color

34.4364, 17.7324, 2.5274

Protanomaly

19.2965, 13.7438, 3.4695

Deuteranomaly

21.4227, 14.4782, 1.9239

Tritanomaly

34.1380, 17.8262, 1.9000

Monochromacy



Original Color

34.4364, 17.7324, 2.5274

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

11.2065, 7.1450, 4.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4364, 17.7324, 2.5274 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 25) }
```

Border

The CSS property to change the border of an element to XYZ 34.4364, 17.7324, 2.5274 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, 25) }
```


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

```
.border{ border-color:rgb(235, 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(235, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(235, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to XYZ 34.4364, 17.7324, 2.5274 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, 25) }
```

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

```
.background{ background-color: rgb(235, 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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