

Converting Colors

XYZ(33.8826, 17.3019, 8.9124)

Have a look what the booklet for
XYZ(33.8826, 17.3019, 8.9124)
contains.

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Color

**XYZ(34.0444, 17.3875,
8.9589)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E6004F |
| RGB | 230, 0, 79 |
| RGB Percent | 90%, 0%, 31% |
| CMY | 0.0980, 0.9998, 0.6902 |
| CMYK | 0.00, 1.00, 0.66, 0.10 |
| HSL | 339°, 100%, 45% |
| HSV | 339°, 100%, 90% |
| XYZ | 34.0444, 17.3875, 8.9589 |
| YIQ | 77.7760, 111.7210, 73.3290 |

Conversions

Conversions Part 2

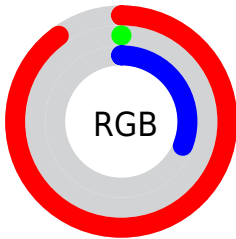
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 230, 0, 79 |
| Decimal | 15073359 |
| CIELab | 48.74, 76.02, 24.64 |
| CIElCh | 49, 79.913, 17.959 |
| Yxy | 17.3875, 0.5637, 0.2879 |
| Android (android.graphics.Color) | 4293263439 (0xFFE6004F) |
| YUV | 77.7760, 0.6034, 133.5004 |
| Hunter-Lab | 41.6983, 72.7634, 16.4503 |

Details

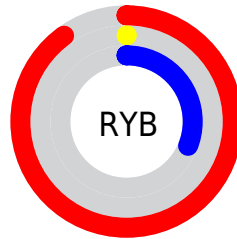
The XYZ color **34.0444, 17.3875, 8.9589** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **33.8876, 58.8297, 38.8701**, and the grayscale version is **7.1890, 7.5634, 8.2365**.

A 20% lighter version of the original color is **49.0506, 30.6472, 23.7523**, and **16.0443, 8.2344, 2.4128** is the 20% darker color. If you saturate the color by 10%, you get **34.0429, 17.3869, 8.9521**, and if you desaturate by 10%, it is **34.9654, 18.2479, 12.2934**.

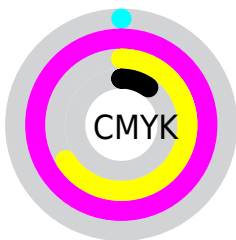
Distribution



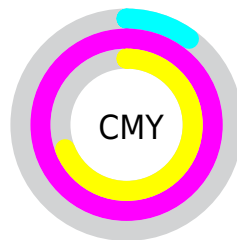
- Red (90%)
- Green (0%)
- Blue (31%)



- Red (90%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0444, 17.3875, 8.9589 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 34.0444, 17.3875, 8.9589 by changing the saturation by 10% instead.


 34.0444, 17.3875,
8.9589


 34.0444, 17.3875,
8.9589


311.9124,
237.3956, 193.2778


 23.0908, 10.5112,
4.6179


 65.3465, 38.9908,
24.3944


 14.7816, 5.7392,
1.9701


 86.4258, 54.4866,
36.3260


 8.7516, 2.6871,
0.5368


 111.6109, 73.6243,
51.6249

 4.6353, 0.9707,
0.0000

 141.2672, 96.7883,
70.7096

 2.0675, 0.0000,
0.0000

 175.7602,
124.3631, 93.9988

 0.6714, 0.0000,
0.0000

 215.4552,

 0.0000, 0.0000,

156.7330, 121.9108

0.0000

260.7175,
194.2823, 154.8643

■ 34.0444, 17.3875,
8.9589

■ 34.0444, 17.3875,
8.9589

■ 34.0429, 17.3869,
8.9521

■ 34.9654, 18.2479,
12.2934

■ 36.3835, 19.8897,
16.4480

■ 38.4222, 22.5489,
21.4992

■ 41.1553, 26.3628,
27.5044

■ 44.6458, 31.4471,
34.5152

■ 48.9490, 37.9033,
42.5787

■ 54.1151, 45.8226,
51.7391

■ 60.1898, 55.2883,
62.0376

■ 67.2157, 66.3774,
73.5133

Harmonies

Analogous

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



34.6623, 17.3875, 28.7435



34.0444, 17.3875, 8.9589



27.9730, 17.3875, 1.9448

Triad

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



34.0444, 17.3875, 8.9589



8.0660, 17.3875, 2.6713



13.7381, 17.3875, 93.0342

Complementary

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



34.0444, 17.3875, 8.9589



33.8876, 58.8297, 38.8701

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.



8.7257, 17.3875, 68.0275



34.0444, 17.3875, 8.9589



6.1671, 17.3875, 11.6538

Square

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



34.0444, 17.3875, 8.9589



12.5239, 17.3875, 0.5610



6.3658, 17.3875, 34.4398



21.3017, 17.3875, 89.9288

Rectangle

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



34.0444, 17.3875, 8.9589



22.4470, 17.3875, 0.6970



6.3658, 17.3875, 34.4398



11.7506, 17.3875, 87.1590

Sweetspot

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



34.0448, 17.3886, 8.9591



68.2511, 57.6965, 65.1479



26.7727, 12.1528, 75.7971



13.9887, 11.3947, 12.8592



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.



34.0448, 17.3886, 8.9591



42.9828, 21.9571, 11.1073



33.2210, 17.9985, 1.7247



14.5802, 14.4493, 15.9897



19.3250, 9.8642, 5.3405



1.4705, 0.7459, 0.6179

Inverse Universe

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



34.0448, 17.3886, 8.9591



42.9828, 21.9571, 11.1073



33.9126, 44.9716, 81.7555



14.5802, 14.4493, 15.9897



19.3250, 9.8642, 5.3405



1.4705, 0.7459, 0.6179

Previews

White Background



This preview shows how the XYZ color 34.0444, 17.3875, 8.9589 looks on a white background.

Color Contrast Check

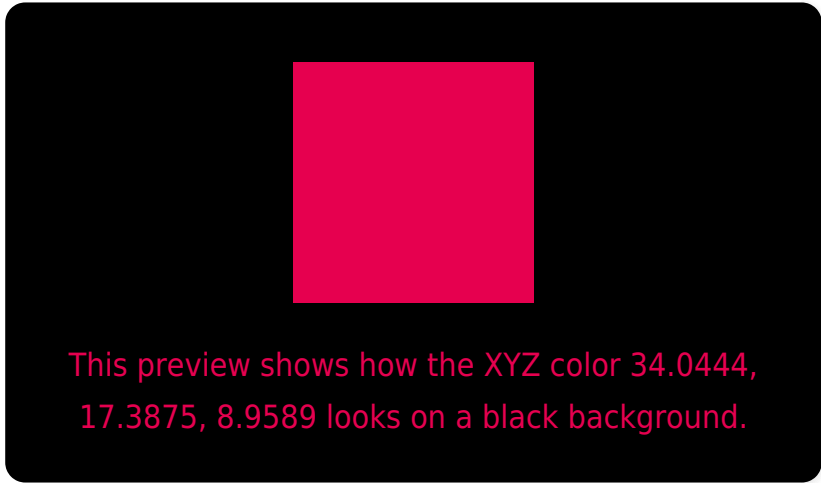
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 34.0444, 17.3875, 8.9589

Background



This preview shows how black text looks on a background with the XYZ color 34.0444, 17.3875, 8.9589.



This preview shows how white text looks on a background with the XYZ color 34.0444, 17.3875,

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

34.0444, 17.3875, 8.9589

Protanopia

17.2594, 17.9766, 19.0832

Deuteranopia

18.1960, 17.8577, 8.1181



Tritanopia

33.0392, 17.7749, 2.7881

Trichromacy



Original Color

34.0444, 17.3875, 8.9589



Protanomaly

19.3942, 13.3504, 14.3867



Deuteranomaly

21.1350, 14.1015, 7.9112



Tritanomaly

33.0763, 17.3636, 4.2975

Monochromacy



Original Color

34.0444, 17.3875, 8.9589



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

12.1886, 7.8178, 8.0743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0444, 17.3875, 8.9589 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(230, 0, 79)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 79)  
}
```

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(230, 0, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 79) }
```

Border

The CSS property to change the border of an element to XYZ 34.0444, 17.3875, 8.9589 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(230, 0, 79) }
```


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

```
.border{ border-color:rgb(230, 0, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 0, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 79);  
box-shadow:4px 4px 4px 4px rgb(230, 0, 79)  
}
```

Background

The CSS property to change the background color of an element to XYZ 34.0444, 17.3875, 8.9589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 79) }
```

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

```
.background{ background-color: rgb(230, 0,  
79) }
```

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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