

Converting Colors

XYZ(34.4664, 17.5941, 10.9371)

Have a look what the booklet for
XYZ(34.4664, 17.5941, 10.9371)
contains.

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Color

**XYZ(34.4580, 17.5877,
11.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	E60259
RGB	230, 2, 89
RGB Percent	90%, 1%, 35%
CMY	0.0980, 0.9919, 0.6510
CMYK	0.00, 0.99, 0.61, 0.10
HSL	337°, 98%, 46%
HSV	337°, 99%, 90%
XYZ	34.4580, 17.5877, 11.0298
YIQ	80.0900, 107.9610, 75.3930

Conversions

Conversions Part 2

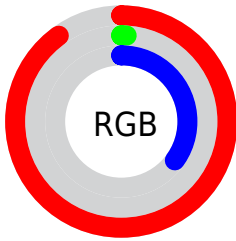
Format	Color
R_{YB}	230, 2, 89
Decimal	15073881
CIE Lab	48.99, 76.38, 18.82
CIE LCh	49, 78.669, 13.844
Yxy	17.5877, 0.5463, 0.2788
Android (android.graphics.Color)	4293263961 (0xFFE60259)
YUV	80.0900, 4.3926, 131.4711
Hunter-Lab	41.9377, 73.2731, 13.7628

Details

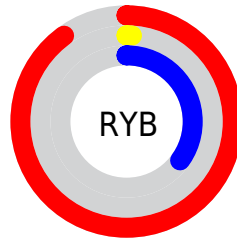
The XYZ color **34.4580, 17.5877, 11.0298** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **33.2844, 58.5914, 35.5633**, and the grayscale version is **7.6254, 8.0225, 8.7365**.

A 20% lighter version of the original color is **49.8146, 30.9528, 27.7751**, and **16.1805, 8.2888, 3.1300** is the 20% darker color. If you saturate the color by 10%, you get **34.3832, 17.5230, 10.7438**, and if you desaturate by 10%, it is **35.4414, 18.5044, 14.5956**.

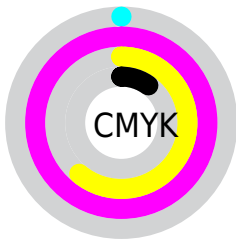
Distribution



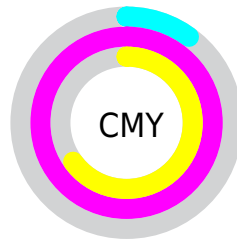
- Red (90%)
- Green (1%)
- Blue (35%)



- Red (90%)
- Yellow (1%)
- Blue (35%)



- Cyan (0%)
- Magenta (99%)
- Yellow (61%)
- Black (10%)





- Cyan (10%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4580, 17.5877, 11.0298 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 34.4580, 17.5877, 11.0298 by changing the saturation by 10% instead.


 34.4580, 17.5877,
11.0298


 34.4580, 17.5877,
11.0298


313.7196,
238.5367, 208.6167


 23.4102, 10.6544,
5.9725


 65.9848, 39.3335,
28.3528


 15.0191, 5.8349,
2.7598


 87.1946, 54.9148,
41.4554


 8.9192, 2.7450,
0.9733


 112.5224, 74.1475,
58.0770

 4.7452, 1.0001,
0.0000

 142.3336, 97.4161,
78.6360

 2.1318, 0.0000,
0.0000

 176.9936,
125.1049, 103.5509

 0.7064, 0.0000,
0.0000

 216.8677,

 0.0000, 0.0000,

157.5984, 133.2403

0.0000

262.3212,
195.2808, 168.1227

■ 34.4580, 17.5877,
11.0298

■ 34.4580, 17.5877,
11.0298

■ 34.3832, 17.5230,
10.7438

■ 35.4414, 18.5044,
14.5956

■ 36.9298, 20.2364,
18.9296

■ 39.0328, 22.9936,
24.0966

■ 41.8217, 26.9106,
30.1468

■ 45.3577, 32.1011,
37.1254

■ 49.6945, 38.6653,
45.0739

■ 54.8807, 46.6931,
54.0310

■ 60.9611, 56.2669,
64.0331

■ 67.9769, 67.4628,
75.1143

Harmonies

Analogous

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



34.2202, 17.5877, 32.7085



34.4580, 17.5877, 11.0298



29.0700, 17.5877, 2.5958

Triad

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



34.4580, 17.5877, 11.0298



8.7359, 17.5877, 2.3037



13.0960, 17.5877, 89.8858

Complementary

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



34.4580, 17.5877, 11.0298



33.2844, 58.5914, 35.5633

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.



8.4777, 17.5877, 62.8776



34.4580, 17.5877, 11.0298



6.5102, 17.5877, 9.9766

Square

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



34.4580, 17.5877, 11.0298



13.5682, 17.5877, 0.5653



6.4321, 17.5877, 30.5125



20.3178, 17.5877, 91.0723

Rectangle

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



34.4580, 17.5877, 11.0298



23.7250, 17.5877, 0.9687



6.4321, 17.5877, 30.5125



11.2452, 17.5877, 82.9584

Sweetspot

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



34.4584, 17.5888, 11.0301



68.6058, 57.8384, 67.0159



25.5673, 11.5636, 75.7469



14.0716, 11.4279, 13.2955



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.



34.4584, 17.5888, 11.0301



43.4100, 22.1280, 13.3573



33.0750, 17.6890, 1.7301



14.6033, 14.4585, 16.1115



19.5210, 9.9426, 6.3728



1.4867, 0.7524, 0.7034

Inverse Universe

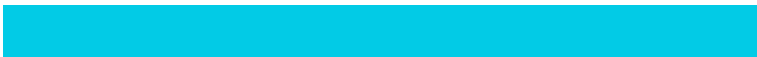
The Inverse Universe completely reimagines the original color for something new.



34.4584, 17.5888, 11.0301



43.4100, 22.1280, 13.3573



35.7605, 48.6303, 82.3643



14.6033, 14.4585, 16.1115



19.5210, 9.9426, 6.3728



1.4867, 0.7524, 0.7034

Previews

White Background



This preview shows how the XYZ color 34.4580, 17.5877, 11.0298 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 34.4580, 17.5877, 11.0298 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 34.4580, 17.5877, 11.0298

Background



This preview shows how black text looks on a background with the XYZ color 34.4580, 17.5877, 11.0298.



This preview shows how white text looks on a background with the XYZ color 34.4580, 17.5877,

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

34.4580, 17.5877, 11.0298

Protanopia

17.7267, 18.1162, 23.6816

Deuteranopia

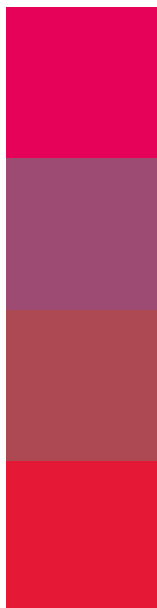
18.3009, 18.0375, 9.9142



Tritanopia

32.9003, 17.8655, 3.1532

Trichromacy



Original Color

34.4580, 17.5877, 11.0298

Protanomaly

19.7111, 13.5391, 17.7941

Deuteranomaly

21.1775, 14.2739, 9.8226

Tritanomaly

33.2823, 17.5683, 5.0050

Monochromacy



Original Color

34.4580, 17.5877, 11.0298

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

12.7810, 8.2314, 9.0988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4580, 17.5877, 11.0298 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, 2, 89)` looks like.

```
.text, #text, p{  
    color:rgb(230, 2, 89)  
}
```

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, 2, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 2, 89) }
```

Border

The CSS property to change the border of an element to XYZ 34.4580, 17.5877, 11.0298 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, 2, 89) }
```


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

```
.border{ border-color:rgb(230, 2, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 2, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 2, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 2, 89);  
box-shadow:4px 4px 4px 4px rgb(230, 2, 89)  
}
```

Background

The CSS property to change the background color of an element to XYZ 34.4580, 17.5877, 11.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 2, 89) }
```

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

```
.background{ background-color: rgb(230, 2,  
89) }
```

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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