

Converting Colors

XYZ(34.1609, 17.2298, 18.8024)

Have a look what the booklet for
XYZ(34.1609, 17.2298, 18.8024)
contains.

XYZ(34.0105, 17.1553, 18.6583)	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(34.0105, 17.1553,
18.6583)**

Conversions

Conversions Part 1

Format	Color
Hex	E00076
RGB	224, 0, 118
RGB Percent	88%, 0%, 46%
CMY	0.1216, 0.9998, 0.5373
CMYK	0.00, 1.00, 0.47, 0.12
HSL	328°, 100%, 44%
HSV	328°, 100%, 88%
XYZ	34.0105, 17.1553, 18.6583
YIQ	80.4280, 95.6260, 84.1860

Conversions

Conversions Part 2

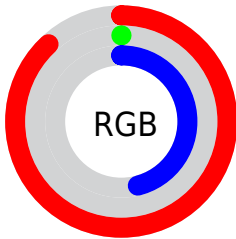
Format	Color
R_{YB}	224, 0, 118
Decimal	14680182
CIE _{Lab}	48.46, 77.15, 0.04
CIE _{LCh}	48, 77.149, 0.031
Yxy	17.1553, 0.4871, 0.2457
Android (android.graphics.Color)	4292870262 (0xFFE00076)
YUV	80.4280, 18.5230, 125.9126
Hunter-Lab	41.4190, 74.0892, 2.2845

Details

The XYZ color **34.0105, 17.1553, 18.6583** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **29.2602, 54.3531, 22.5977**, and the grayscale version is **7.6655, 8.0647, 8.7825**.

A 20% lighter version of the original color is **52.4100, 31.9910, 41.4428**, and **16.0058, 8.1236, 6.5188** is the 20% darker color. If you saturate the color by 10%, you get **34.0091, 17.1547, 18.6513**, and if you desaturate by 10%, it is **34.9720, 18.0128, 22.2642**.

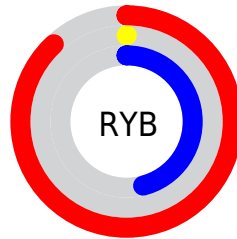
Distribution



Red (88%)

Green (0%)

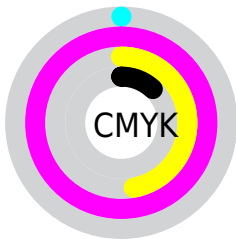
Blue (46%)



Red (88%)

Yellow (0%)

Blue (46%)

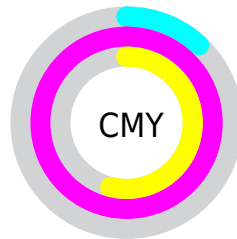


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0105, 17.1553, 18.6583 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 34.0105, 17.1553, 18.6583 by changing the saturation by 10% instead.

 34.0105, 17.1553,
18.6583


 34.0105, 17.1553,
18.6583


311.7640,
236.0657, 256.9154


 23.0646, 10.3453,
11.2493


 65.2942, 38.5926,
41.9849


 14.7622, 5.6285,
6.1185


 86.3627, 53.9887,
58.7396


 8.7379, 2.6205,
2.8473


 111.5360, 73.0155,
79.4466

 4.6263, 0.9370,
1.0172

 141.1797, 96.0576,
104.5245

 2.0622, 0.0000,
0.0000

 175.6589,
123.4993, 134.3917

 0.6685, 0.0000,
0.0000

 215.3392,

 0.0000, 0.0000,

155.7249, 169.4670

0.0000

260.5857,
193.1189, 210.1687

■ 34.0105, 17.1553,
18.6583

■ 34.0105, 17.1553,
18.6583

■ 34.0091, 17.1547,
18.6513

■ 34.9720, 18.0128,
22.2642

■ 36.3482, 19.5825,
26.3687

■ 38.2518, 22.0869,
31.0198

■ 40.7480, 25.6527,
36.2495

■ 43.8916, 30.3869,
42.0857

■ 47.7312, 36.3830,
48.5538

■ 52.3100, 43.7251,
55.6774

■ 57.6681, 52.4900,
63.4785

■ 63.8421, 62.7487,
71.9777

Harmonies

Analogous

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



31.1309, 17.1553, 45.6307



34.0105, 17.1553, 18.6583



31.1196, 17.1553, 5.1907

Triad

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



34.0105, 17.1553, 18.6583



10.4084, 17.1553, 1.1863



10.4178, 17.1553, 76.7114

Complementary

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



34.0105, 17.1553, 18.6583



29.2602, 54.3531, 22.5977

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.



7.1461, 17.1553, 45.6964



34.0105, 17.1553, 18.6583



7.1419, 17.1553, 5.2062

Square

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



34.0105, 17.1553, 18.6583



16.2983, 17.1553, 0.4471



6.1448, 17.1553, 18.7001



16.3129, 17.1553, 90.8388

Rectangle

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



34.0105, 17.1553, 18.6583



26.6805, 17.1553, 1.9141



6.1448, 17.1553, 18.7001



9.0437, 17.1553, 67.1699

Sweetspot

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



34.0110, 17.1563, 18.6586



70.0188, 58.4036, 74.4566



19.2291, 8.3595, 71.1209



14.4041, 11.5609, 15.0467



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.



34.0110, 17.1563, 18.6586



45.5644, 22.9898, 24.7019



30.7821, 15.8648, 1.6556



14.0073, 13.8206, 15.8088



19.8544, 10.0088, 11.1650



1.4214, 0.7118, 1.0118

Inverse Universe

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



34.0110, 17.1563, 18.6586



45.5644, 22.9898, 24.7019



39.1201, 58.2971, 74.5194



14.0073, 13.8206, 15.8088



19.8544, 10.0088, 11.1650



1.4214, 0.7118, 1.0118

Previews

White Background



This preview shows how the XYZ color 34.0105, 17.1553, 18.6583 looks on a white background.

Color Contrast Check

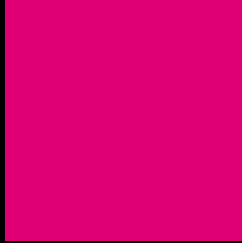
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0105, 17.1553, 18.6583 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 34.0105, 17.1553, 18.6583

Background



This preview shows how black text looks on a background with the XYZ color 34.0105, 17.1553, 18.6583.



This preview shows how white text looks on a background with the XYZ color 34.0105, 17.1553,

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

34.0105, 17.1553, 18.6583

Protanopia

18.5320, 17.8164, 40.4924

Deuteranopia

18.0255, 17.7397, 16.9421



Tritanopia

31.3484, 17.6104, 4.4362

Trichromacy



Original Color

34.0105, 17.1553, 18.6583



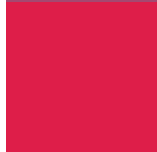
Protanomaly

19.4701, 12.9287, 30.7475



Deuteranomaly

20.7590, 13.8039, 16.8995



Tritanomaly

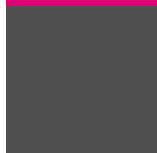
31.7911, 16.9392, 7.8973

Monochromacy



Original Color

34.0105, 17.1553, 18.6583



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

12.7199, 8.0813, 11.4791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0105, 17.1553, 18.6583 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(224, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 118)  
}
```

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(224, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 118) }
```

Border

The CSS property to change the border of an element to XYZ 34.0105, 17.1553, 18.6583 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(224, 0, 118) }
```


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

```
.border{ border-color:rgb(224, 0, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 0, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0105, 17.1553, 18.6583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 118) }
```

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

```
.background{ background-color: rgb(224, 0,  
118) }
```

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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