

Converting Colors

XYZ(35.4682, 17.7527, 25.6867)

Have a look what the booklet for
XYZ(35.4682, 17.7527, 25.6867)
contains.

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Color

**XYZ(35.3279, 17.6823,
25.5958)**

Conversions

Conversions Part 1

Format	Color
Hex	E0008A
RGB	224, 0, 138
RGB Percent	88%, 0%, 54%
CMY	0.1216, 0.9998, 0.4588
CMYK	0.00, 1.00, 0.38, 0.12
HSL	323°, 100%, 44%
HSV	323°, 100%, 88%
XYZ	35.3279, 17.6823, 25.5958
YIQ	82.7080, 89.2060, 90.4060

Conversions

Conversions Part 2

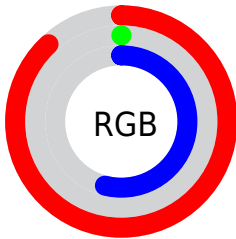
Format	Color
RYB	224, 0, 138
Decimal	14680202
CIELab	49.11, 78.86, -11.18
CIELCh	49, 79.646, 351.933
Yxy	17.6823, 0.4494, 0.2249
Android (android.graphics.Color)	4292870282 (0xFFE0008A)
YUV	82.7080, 27.2590, 123.9131
Hunter-Lab	42.0503, 76.3758, -6.6543

Details

The XYZ color **35.3279, 17.6823, 25.5958** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **28.3379, 53.9842, 17.7407**, and the grayscale version is **8.1021, 8.5241, 9.2827**.

A 20% lighter version of the original color is **54.6467, 33.0270, 52.7849**, and **16.8657, 8.4911, 9.9825** is the 20% darker color. If you saturate the color by 10%, you get **35.3265, 17.6817, 25.5888**, and if you desaturate by 10%, it is **36.2713, 18.5325, 29.1058**.

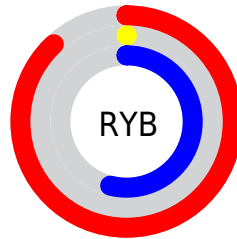
Distribution



Red (88%)

Green (0%)

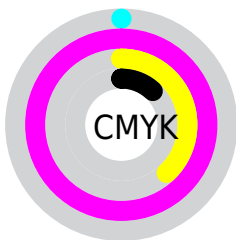
Blue (54%)



Red (88%)

Yellow (0%)

Blue (54%)

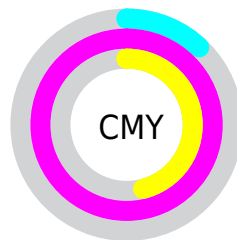


Cyan (0%)

Magenta (100%)

Yellow (38%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3279, 17.6823, 25.5958 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 35.3279, 17.6823, 25.5958 by changing the saturation by 10% instead.


 35.3279, 17.6823,
25.5958


 35.3279, 17.6823,
25.5958


317.4960,
239.0742, 294.3343


 24.0833, 10.7221,
16.2985


 67.3241, 39.4952,
53.5982


 15.5205, 5.8803,
9.5790


 88.8064, 55.1168,
73.1403


 9.2742, 2.7724,
5.0188


 114.4319, 74.3942,
96.9345

 4.9790, 1.0141,
2.1993

 144.5661, 97.7120,
125.3992

 2.2696, 0.0000,
0.6740

 179.5742,
125.4545, 158.9530

 0.7790, 0.0000,
0.0000

 219.8217,

 0.0000, 0.0000,

158.0061, 198.0144

0.0000

265.6738,
195.7512, 243.0020

■ 35.3279, 17.6823,
25.5958

■ 35.3279, 17.6823,
25.5958

■ 35.3265, 17.6817,
25.5888

■ 36.2713, 18.5325,
29.1058

■ 37.6066, 20.0859,
32.9951

■ 39.4457, 22.5645,
37.3064

■ 41.8526, 26.0947,
42.0662

■ 44.8814, 30.7829,
47.2973

■ 48.5795, 36.7225,
53.0205

■ 52.9895, 43.9971,
59.2545

■ 58.1503, 52.6832,
66.0169

■ 64.0980, 62.8514,
73.3243

Harmonies

Analogous

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



30.7764, 17.6823, 57.1871



35.3279, 17.6823, 25.5958



33.8811, 17.6823, 7.6444

Triad

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



35.3279, 17.6823, 25.5958



12.0084, 17.6823, 0.7542



9.4375, 17.6823, 72.8935

Complementary

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



35.3279, 17.6823, 25.5958



28.3379, 53.9842, 17.7407

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.



6.7207, 17.6823, 38.9746



35.3279, 17.6823, 25.5958



7.8707, 17.6823, 3.4271

Square

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



35.3279, 17.6823, 25.5958



18.8957, 17.6823, 0.4063



6.2471, 17.6823, 14.0555



14.8773, 17.6823, 95.0052

Rectangle

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



35.3279, 17.6823, 25.5958



29.8572, 17.6823, 2.7998



6.2471, 17.6823, 14.0555



8.2508, 17.6823, 61.6746

Sweetspot

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



35.3284, 17.6833, 25.5961



70.9359, 58.7705, 79.2858



17.2833, 7.3564, 71.0299



14.6219, 11.6480, 16.1935



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.



35.3284, 17.6833, 25.5961



47.3324, 23.6970, 34.0122



30.9294, 15.9237, 2.4311



14.0603, 13.8418, 16.0877



20.6204, 10.3152, 15.1988



1.4726, 0.7323, 1.2817

Inverse Universe

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



35.3284, 17.6833, 25.5961



47.3324, 23.6970, 34.0122



36.8345, 57.3829, 62.4835



14.0603, 13.8418, 16.0877



20.6204, 10.3152, 15.1988



1.4726, 0.7323, 1.2817

Previews

White Background



This preview shows how the XYZ color 35.3279, 17.6823, 25.5958 looks on a white background.

Color Contrast Check

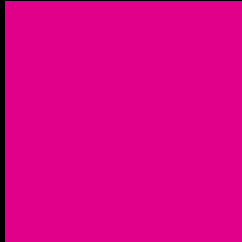
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3279, 17.6823, 25.5958 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 35.3279, 17.6823, 25.5958

Background



This preview shows how black text looks on a background with the XYZ color 35.3279, 17.6823, 25.5958.



This preview shows how white text looks on a background with the XYZ color 35.3279, 17.6823,

25.5958.

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

35.3279, 17.6823, 25.5958

Protanopia

20.1847, 18.4993, 55.9330

Deuteranopia

18.6312, 18.2556, 22.9638



Tritanopia

31.2934, 18.0780, 5.5814

Trichromacy



Original Color

35.3279, 17.6823, 25.5958



Protanomaly

20.4386, 13.2664, 42.5577



Deuteranomaly

21.4477, 14.1124, 23.4233



Tritanomaly

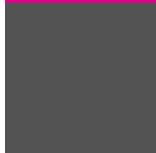
32.0995, 17.2461, 10.4411

Monochromacy



Original Color

35.3279, 17.6823, 25.5958



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.5528, 8.5938, 13.7764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3279, 17.6823, 25.5958 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.3279, 17.6823, 25.5958 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, 138) }
```


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

```
.border{ border-color:rgb(224, 0, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3279, 17.6823, 25.5958 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, 138) }
```

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

```
.background{ background-color: rgb(224, 0,  
138) }
```

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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