

Converting Colors

XYZ(35.5534, 17.8649, 25.8934)

Have a look what the booklet for
XYZ(35.5534, 17.8649, 25.8934)
contains.

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Color

**XYZ(35.4549, 17.8199,
25.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	E0058B
RGB	224, 5, 139
RGB Percent	88%, 2%, 55%
CMY	0.1216, 0.9802, 0.4549
CMYK	0.00, 0.98, 0.38, 0.12
HSL	323°, 96%, 45%
HSV	323°, 98%, 88%
XYZ	35.4549, 17.8199, 25.9970
YIQ	85.7570, 87.5100, 88.1020

Conversions

Conversions Part 2

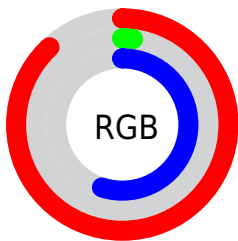
Format	Color
RYB	224, 5, 139
Decimal	14681483
CIELab	49.28, 78.56, -11.53
CIElCh	49, 79.404, 351.652
Yxy	17.8199, 0.4473, 0.2248
Android (android.graphics.Color)	4292871563 (0xFFE0058B)
YUV	85.7570, 26.2488, 121.2391
Hunter-Lab	42.2136, 76.0469, -6.9638

Details

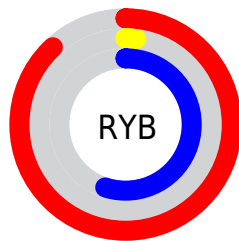
The XYZ color **35.4549, 17.8199, 25.9970** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **28.5662, 54.0828, 18.6167**, and the grayscale version is **8.7327, 9.1875, 10.0052**.

A 20% lighter version of the original color is **54.8466, 33.2502, 53.3964**, and **16.9074, 8.5078, 10.2022** is the 20% darker color. If you saturate the color by 10%, you get **35.2587, 17.6546, 25.2317**, and if you desaturate by 10%, it is **36.4640, 18.7803, 29.5942**.

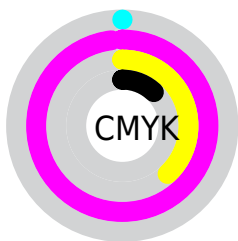
Distribution



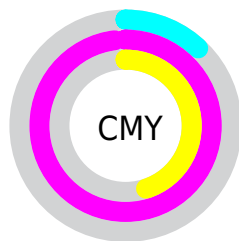
- Red (88%)
- Green (2%)
- Blue (55%)



- Red (88%)
- Yellow (2%)
- Blue (55%)



- Cyan (0%)
- Magenta (98%)
- Yellow (38%)
- Black (12%)





- Cyan (12%)
- Magenta (98%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4549, 17.8199, 25.9970 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 35.4549, 17.8199, 25.9970 by changing the saturation by 10% instead.


 35.4549, 17.8199,
25.9970


 35.4549, 17.8199,
25.9970


318.0447,
239.8539, 296.3724


 24.1817, 10.8208,
16.5957


 67.5193, 39.7302,
54.2541

 15.5939, 5.9464,
9.7877

 89.0411, 55.4102,
73.9470


 9.3263, 2.8125,
5.1547


 114.7099, 74.7525,
97.9074

 5.0134, 1.0347,
2.2780

 144.8909, 98.1416,
126.5540

 2.2900, 0.0000,
0.7188

 179.9495,
125.9619, 160.3053

 0.7895, 0.0000,
0.0000

 220.2511,

 0.0000, 0.0000,

158.5978, 199.5797

0.0000

266.1610,
196.4337, 244.7959

■ 35.4549, 17.8199,
25.9970

■ 35.4549, 17.8199,
25.9970

■ 35.2587, 17.6546,
25.2317

■ 36.4640, 18.7803,
29.5942

■ 37.9085, 20.5290,
33.5913

■ 39.8733, 23.2338,
38.0223

■ 42.4198, 27.0158,
42.9128

■ 45.6004, 31.9781,
48.2853

■ 49.4612, 38.2115,
54.1603

■ 54.0441, 45.7982,
60.5564

■ 59.3874, 54.8130,
67.4911

■ 65.5264, 65.3255,
74.9808

Harmonies

Analogous

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



30.8556, 17.8199, 57.6632



35.4549, 17.8199, 25.9970



34.0665, 17.8199, 7.8526

Triad

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



35.4549, 17.8199, 25.9970



12.1783, 17.8199, 0.7802



9.5073, 17.8199, 72.7170

Complementary

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



35.4549, 17.8199, 25.9970



28.5662, 54.0828, 18.6167

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.



6.7997, 17.8199, 38.8417



35.4549, 17.8199, 25.9970



7.9968, 17.8199, 3.4490

Square

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



35.4549, 17.8199, 25.9970



19.1057, 17.8199, 0.4473



6.3425, 17.8199, 14.0302



14.9395, 17.8199, 94.9972

Rectangle

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



35.4549, 17.8199, 25.9970



30.0698, 17.8199, 2.9069



6.3425, 17.8199, 14.0302



8.3233, 17.8199, 61.4938

Sweetspot

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



35.4554, 17.8209, 25.9973



71.5416, 59.8351, 79.9404



17.6271, 7.6142, 71.0615



14.7348, 11.8475, 16.3124



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.



35.4554, 17.8209, 25.9973



47.2413, 23.6605, 33.5325



31.0372, 16.0536, 2.7311



14.0578, 13.8408, 16.0746



20.5811, 10.2994, 14.9916



1.4700, 0.7313, 1.2681

Inverse Universe

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



35.4554, 17.8209, 25.9973



47.2413, 23.6605, 33.5325



36.9644, 57.4421, 62.8411



14.0578, 13.8408, 16.0746



20.5811, 10.2994, 14.9916



1.4700, 0.7313, 1.2681

Previews

White Background



This preview shows how the XYZ color 35.4549, 17.8199, 25.9970 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 35.4549, 17.8199, 25.9970 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 35.4549, 17.8199, 25.9970

Background



This preview shows how black text looks on a background with the XYZ color 35.4549, 17.8199, 25.9970.



This preview shows how white text looks on a background with the XYZ color 35.4549, 17.8199,

25.9970.

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

35.4549, 17.8199, 25.9970

Protanopia

20.2104, 18.4991, 56.5383

Deuteranopia

18.5506, 18.2064, 23.3053



Tritanopia

31.3181, 18.0879, 5.7116

Trichromacy



Original Color

35.4549, 17.8199, 25.9970



Protanomaly

20.5119, 13.4941, 43.1185



Deuteranomaly

21.4477, 14.3027, 23.8206



Tritanomaly

32.2007, 17.3834, 10.6750

Monochromacy



Original Color

35.4549, 17.8199, 25.9970



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

14.1663, 9.1804, 14.3900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4549, 17.8199, 25.9970 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, 5, 139)` looks like.

```
.text, #text, p{  
    color:rgb(224, 5, 139)  
}
```

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, 5, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 5, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.4549, 17.8199, 25.9970 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, 5, 139) }
```


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

```
.border{ border-color:rgb(224, 5, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 5, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 5, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 5, 139);  
box-shadow:4px 4px 4px 4px rgb(224, 5,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4549, 17.8199, 25.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 5, 139) }
```

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

```
.background{ background-color: rgb(224, 5,  
139) }
```

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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