

Converting Colors

XYZ(35.1989, 17.2898, 40.3155)

Have a look what the booklet for
XYZ(35.1989, 17.2898, 40.3155)
contains.

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Color

**XYZ(35.1779, 17.2747,
40.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	D600AC
RGB	214, 0, 172
RGB Percent	84%, 0%, 67%
CMY	0.1608, 0.9998, 0.3255
CMYK	0.00, 1.00, 0.20, 0.16
HSL	312°, 100%, 42%
HSV	312°, 100%, 84%
XYZ	35.1779, 17.2747, 40.5100
YIQ	83.5940, 72.3320, 98.8600

Conversions

Conversions Part 2

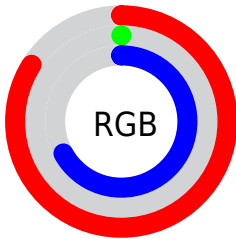
Format	Color
RYB	214, 0, 172
Decimal	14024876
CIELab	48.60, 80.52, -32.46
CIElCh	49, 86.818, 338.045
Yxy	17.2747, 0.3784, 0.1858
Android (android.graphics.Color)	4292214956 (0xFFD600AC)
YUV	83.5940, 43.5842, 114.3661
Hunter-Lab	41.5628, 78.3436, -28.6941

Details

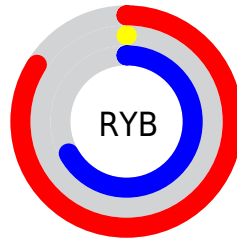
The XYZ color **35.1779, 17.2747, 40.5100** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.4658, 48.2610, 10.2200**, and the grayscale version is **8.2510, 8.6807, 9.4533**.

A 20% lighter version of the original color is **59.1579, 34.6901, 76.9767**, and **16.6562, 8.2019, 18.1580** is the 20% darker color. If you saturate the color by 10%, you get **35.1773, 17.2745, 40.5063**, and if you desaturate by 10%, it is **35.8643, 17.9914, 42.7611**.

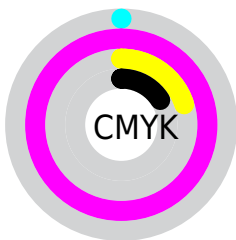
Distribution



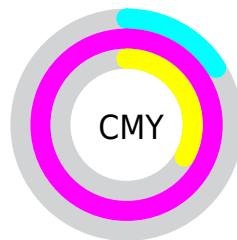
- Red (84%)
- Green (0%)
- Blue (67%)



- Red (84%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1779, 17.2747, 40.5100 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 35.1779, 17.2747, 40.5100 by changing the saturation by 10% instead.

 35.1779, 17.2747,
40.5100

 35.1779, 17.2747,
40.5100


316.8472,
236.7505, 363.8843


 23.9671, 10.4305,
27.6196


 67.0935, 38.7975,
77.1851


 15.4338, 5.6853,
17.8026


 88.5290, 54.2449,
101.8068


 9.2127, 2.6547,
10.6404


 114.1034, 73.3288,
131.1761

 4.9384, 0.9542,
5.7144

 144.1821, 96.4337,
165.7114

 2.2456, 0.0000,
2.6063

 179.1305,
123.9439, 205.8314

 0.7666, 0.0000,
0.8957

 219.3139,

 0.0000, 0.0000,

156.2439, 251.9545

0.0000

265.0977,
193.7179, 304.4993

■ 35.1779, 17.2747,
40.5100

■ 35.1779, 17.2747,
40.5100

■ 35.1773, 17.2745,
40.5063

■ 35.8643, 17.9914,
42.7611

■ 36.8689, 19.3239,
45.1817

■ 38.2936, 21.4760,
47.8063

■ 40.1947, 24.5599,
50.6543

■ 42.6195, 28.6702,
53.7421

■ 45.6098, 33.8899,
57.0840

■ 49.2028, 40.2937,
60.6931

■ 53.4326, 47.9496,
64.5811

■ 58.3308, 56.9203,
68.7593

Harmonies

Analogous

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



27.8182, 17.2747, 79.0560



35.1779, 17.2747, 40.5100



36.8020, 17.2747, 13.3009

Triad

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



35.1779, 17.2747, 40.5100



14.3623, 17.2747, 0.0000



7.0515, 17.2747, 61.0184

Complementary

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



35.1779, 17.2747, 40.5100



24.4658, 48.2610, 10.2200

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.



5.4243, 17.2747, 25.6603



35.1779, 17.2747, 40.5100



8.6568, 17.2747, 1.0833

Square

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



35.1779, 17.2747, 40.5100



22.8560, 17.2747, 0.2292



5.8974, 17.2747, 6.6920



11.3207, 17.2747, 96.1948

Rectangle

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



35.1779, 17.2747, 40.5100



34.0443, 17.2747, 4.7829



5.8974, 17.2747, 6.6920



6.2528, 17.2747, 47.9912

Sweetspot

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



35.1785, 17.2756, 40.5103



72.9858, 59.5904, 90.0804



12.9848, 5.2924, 63.9557



15.1135, 11.8446, 18.7823



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.



35.1785, 17.2756, 40.5103



52.2527, 25.6651, 59.9222



28.7692, 14.7119, 6.7592



12.8437, 12.5890, 15.1169



21.2998, 10.4562, 24.6803



1.3120, 0.6416, 1.6324

Inverse Universe

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



35.1785, 17.2756, 40.5103



52.2527, 25.6651, 59.9222



29.2546, 50.1765, 35.4377



12.8437, 12.5890, 15.1169



21.2998, 10.4562, 24.6803



1.3120, 0.6416, 1.6324

Previews

White Background



This preview shows how the XYZ color 35.1779, 17.2747, 40.5100 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 35.1779, 17.2747, 40.5100

Background



This preview shows how black text looks on a background with the XYZ color 35.1779, 17.2747, 40.5100.



This preview shows how white text looks on a background with the XYZ color 35.1779, 17.2747,

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

35.1779, 17.2747, 40.5100

Protanopia

21.7823, 18.1611, 85.5765

Deuteranopia

18.2719, 17.9476, 36.2194



Tritanopia

28.6581, 17.7110, 7.8694

Trichromacy



Original Color

35.1779, 17.2747, 40.5100



Protanomaly

17.8539, 11.2123, 66.1889



Deuteranomaly

20.5680, 13.4538, 37.1101



Tritanomaly

29.8651, 16.3658, 15.7722

Monochromacy



Original Color

35.1779, 17.2747, 40.5100



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

13.7856, 8.6325, 17.4626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1779, 17.2747, 40.5100 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(214, 0, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 172)  
}
```

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(214, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.1779, 17.2747, 40.5100 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(214, 0, 172) }
```


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

```
.border{ border-color:rgb(214, 0, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1779, 17.2747, 40.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 172) }
```

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

```
.background{ background-color: rgb(214, 0,  
172) }
```

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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