

Converting Colors

XYZ(35.1089, 17.7912, 34.5307)

Have a look what the booklet for
XYZ(35.1089, 17.7912, 34.5307)
contains.

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Color

**XYZ(35.1602, 17.8287,
34.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	D9169F
RGB	217, 22, 159
RGB Percent	85%, 9%, 62%
CMY	0.1490, 0.9136, 0.3765
CMYK	0.00, 0.90, 0.27, 0.15
HSL	318°, 82%, 47%
HSV	318°, 90%, 85%
XYZ	35.1602, 17.8287, 34.3890
YIQ	95.9230, 72.2430, 83.9470

Conversions

Conversions Part 2

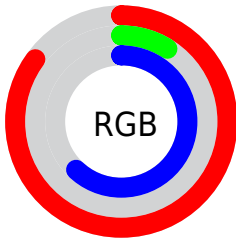
Format	Color
R_{YB}	217, 22, 159
Decimal	14227103
CIE _{Lab}	49.29, 77.52, -23.64
CIE _{LCh}	49, 81.040, 343.042
Yxy	17.8287, 0.4024, 0.2040
Android (android.graphics.Color)	4292417183 (0xFFD9169F)
YUV	95.9230, 31.0970, 106.1845
Hunter-Lab	42.2240, 74.7459, -18.7314

Details

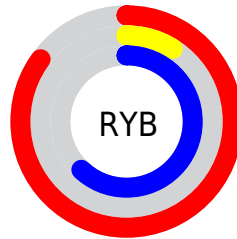
The XYZ color **35.1602, 17.8287, 34.3890** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **26.5931, 50.3763, 15.9157**, and the grayscale version is **11.0172, 11.5910, 12.6226**.

A 20% lighter version of the original color is **57.8394, 35.0387, 67.3330**, and **16.5585, 8.2296, 14.6257** is the 20% darker color. If you saturate the color by 10%, you get **34.3312, 17.0437, 31.4207**, and if you desaturate by 10%, it is **36.3388, 19.2657, 37.6184**.

Distribution



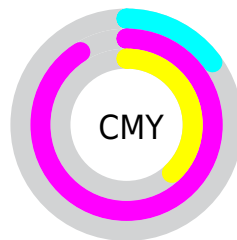
- Red (85%)
- Green (9%)
- Blue (62%)



- Red (85%)
- Yellow (9%)
- Blue (62%)



- Cyan (0%)
- Magenta (90%)
- Yellow (27%)
- Black (15%)





- Cyan (15%)
- Magenta (91%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1602, 17.8287, 34.3890 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 35.1602, 17.8287, 34.3890 by changing the saturation by 10% instead.


 35.1602, 17.8287,
34.3890


 35.1602, 17.8287,
34.3890


316.7705,
239.9037, 336.6851

 23.9534, 10.8271,
22.9128


 67.0663, 39.7452,
67.6789


 15.4236, 5.9507,
14.3245


 88.4962, 55.4289,
90.3298


 9.2055, 2.8151,
8.2054


 114.0646, 74.7754,
117.5426

 4.9336, 1.0360,
4.1370

 144.1368, 98.1691,
149.7359

 2.2427, 0.0000,
1.7008

 179.0781,
125.9944, 187.3283

 0.7651, 0.0000,
0.3613

 219.2540,

 0.0000, 0.0000,

158.6356, 230.7382

0.0000

265.0296,
196.4773, 280.3843

■ 35.1602, 17.8287,
34.3890

■ 35.1602, 17.8287,
34.3890

■ 34.3312, 17.0437,
31.4207

■ 36.3388, 19.2657,
37.6184

■ 34.3198, 17.0335,
31.3780

■ 37.9678, 21.5562,
41.1443

■ 40.1062, 24.8170,
44.9885

■ 42.8031, 29.1464,
49.1696

■ 46.1021, 34.6301,
53.7039

■ 50.0418, 41.3453,
58.6065

■ 54.6579, 49.3625,
63.8909

■ 59.9832, 58.7467,
69.5702

■ 66.0484, 69.5587,
75.6564

Harmonies

Analogous

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



29.0304, 17.8287, 69.0060



35.1602, 17.8287, 34.3890



35.5831, 17.8287, 11.4049

Triad

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



35.1602, 17.8287, 34.3890



13.8520, 17.8287, 0.4215



8.3400, 17.8287, 64.3940

Complementary

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



35.1602, 17.8287, 34.3890



26.5931, 50.3763, 15.9157

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.



6.3105, 17.8287, 30.4943



35.1602, 17.8287, 34.3890



8.7888, 17.8287, 2.0652

Square

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



35.1602, 17.8287, 34.3890



21.5843, 17.8287, 0.5218



6.4455, 17.8287, 9.5716



13.0243, 17.8287, 93.4727

Rectangle

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



35.1602, 17.8287, 34.3890



32.4186, 17.8287, 4.3513



6.4455, 17.8287, 9.5716



7.3977, 17.8287, 52.4215

Sweetspot

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



35.1608, 17.8297, 34.3893



73.7565, 62.4115, 86.3928



15.8939, 7.1733, 66.1928



15.3265, 12.5646, 17.9469



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.



35.1608, 17.8297, 34.3893



49.3914, 24.5206, 44.8546



29.8358, 15.6997, 6.3483



13.4408, 13.2054, 15.5823



20.8238, 10.3306, 19.2500



1.3863, 0.6842, 1.4431

Inverse Universe

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



35.1608, 17.8297, 34.3893



49.3914, 24.5206, 44.8546



32.8582, 52.8823, 48.9070



13.4408, 13.2054, 15.5823



20.8238, 10.3306, 19.2500



1.3863, 0.6842, 1.4431

Previews

White Background



This preview shows how the XYZ color 35.1602, 17.8287, 34.3890 looks on a white background.

Color Contrast Check

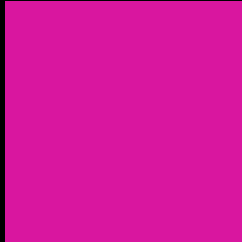
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1602, 17.8287, 34.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

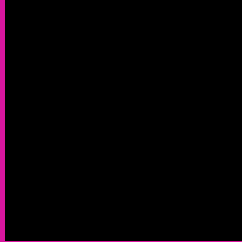
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1602, 17.8287, 34.3890

Background



This preview shows how black text looks on a background with the XYZ color 35.1602, 17.8287, 34.3890.



This preview shows how white text looks on a background with the XYZ color 35.1602, 17.8287,

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

35.1602, 17.8287, 34.3890

Protanopia

21.2536, 18.5190, 72.2664

Deuteranopia

18.6096, 18.2381, 30.9732



Tritanopia

29.5120, 17.8996, 7.3684

Trichromacy



Original Color

35.1602, 17.8287, 34.3890



Protanomaly

20.5702, 13.7680, 56.2169



Deuteranomaly

21.5296, 14.9138, 31.8809



Tritanomaly

30.8878, 17.2823, 14.0198

Monochromacy



Original Color

35.1602, 17.8287, 34.3890



Achromatopsia

11.1181, 11.6971, 12.7381



Achromatomaly

16.2731, 11.1636, 18.7499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1602, 17.8287, 34.3890 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(217, 22, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 22, 159)  
}
```

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(217, 22, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 22, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.1602, 17.8287, 34.3890 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(217, 22, 159) }
```


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

```
.border{ border-color:rgb(217, 22, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 22, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 22, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 22, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 22,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1602, 17.8287, 34.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 22, 159) }
```

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

```
.background{ background-color: rgb(217, 22,  
159) }
```

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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