

Converting Colors

XYZ(35.4134, 17.0420, 56.5186)

Have a look what the booklet for
XYZ(35.4134, 17.0420, 56.5186)
contains.

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Color

**XYZ(35.4445, 17.0544,
56.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	CC00C9
RGB	204, 0, 201
RGB Percent	80%, 0%, 79%
CMY	0.2000, 0.9999, 0.2118
CMYK	0.00, 1.00, 0.01, 0.20
HSL	301°, 100%, 40%
HSV	301°, 100%, 80%
XYZ	35.4445, 17.0544, 56.6820
YIQ	83.9100, 57.0630, 105.7590

Conversions

Conversions Part 2

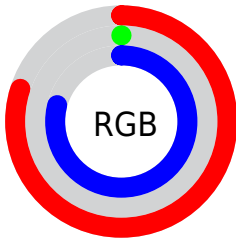
Format	Color
R_{YB}	204, 0, 201
Decimal	13369545
CIE _{Lab}	48.33, 82.62, -49.98
CIE _{LCh}	48, 96.556, 328.828
Yxy	17.0544, 0.3246, 0.1562
Android (android.graphics.Color)	4291559625 (0xFFCC00C9)
YUV	83.9100, 57.7254, 105.3189
Hunter-Lab	41.2970, 80.9339, -52.4704

Details

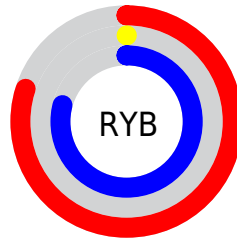
The XYZ color **35.4445, 17.0544, 56.6820** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **21.6101, 43.1933, 7.2851**, and the grayscale version is **8.2882, 8.7199, 9.4959**.

A 20% lighter version of the original color is **63.2044, 36.3087, 98.2848**, and **16.8654, 8.0951, 27.8677** is the 20% darker color. If you saturate the color by 10%, you get **35.4449, 17.0546, 56.6820**, and if you desaturate by 10%, it is **35.7380, 17.5843, 56.9543**.

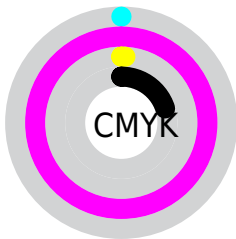
Distribution



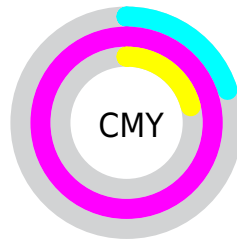
- Red (80%)
- Green (0%)
- Blue (79%)



- Red (80%)
- Yellow (0%)
- Blue (79%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4445, 17.0544, 56.6820 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 35.4445, 17.0544, 56.6820 by changing the saturation by 10% instead.

 35.4445, 17.0544,
56.6820


 35.4445, 17.0544,
56.6820


317.9998,
235.4857, 429.7170


 24.1736, 10.2733,
40.3423


 67.5033, 38.4193,
101.4968

 15.5879, 5.5805,
27.4897


 89.0219, 53.7718,
130.8089


 9.3220, 2.5917,
17.7057


 114.6871, 72.7503,
165.2823

 5.0106, 0.9225,
10.5716

 144.8643, 95.7392,
205.3355

 2.2883, 0.0000,
5.6691

 179.9188,
123.1227, 251.3870

 0.7887, 0.0000,
2.5794

 220.2160,

 0.0000, 0.0000,

155.2854, 303.8554

0.8818

266.1212,
192.6116, 363.1592

■ 0.0000, 0.0000,
0.0000

■ 35.4445, 17.0544,
56.6820

■ 35.4445, 17.0544,
56.6820

■ 35.4449, 17.0546,
56.6820

■ 35.7380, 17.5843,
56.9543

■ 36.3026, 18.6568,
57.3173

■ 37.2320, 20.4588,
57.8021

■ 38.5759, 23.0897,
58.4255

■ 40.3763, 26.6335,
59.2014

■ 42.6701, 31.1639,
60.1421

■ 45.4903, 36.7471,
61.2586

■ 48.8672, 43.4435,
62.5610

■ 52.8287, 51.3091,
64.0587

Harmonies

Analogous

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



25.8229, 17.0544, 101.6980



35.4445, 17.0544, 56.6820



39.7185, 17.0544, 19.5786

Triad

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



35.4445, 17.0544, 56.6820



16.5584, 17.0544, 0.0000



5.4400, 17.0544, 53.1444

Complementary

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



35.4445, 17.0544, 56.6820



21.6101, 43.1933, 7.2851

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.



4.4896, 17.0544, 17.5953



35.4445, 17.0544, 56.6820



9.3386, 17.0544, 0.0000

Square

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



35.4445, 17.0544, 56.6820



26.6495, 17.0544, 0.0496



5.6089, 17.0544, 3.0793



8.9296, 17.0544, 98.6483

Rectangle

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



35.4445, 17.0544, 56.6820



38.1005, 17.0544, 6.9032



5.6089, 17.0544, 3.0793



4.8842, 17.0544, 39.0307

Sweetspot

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



35.4452, 17.0552, 56.6823



75.1293, 60.4478, 101.3684



10.8999, 4.3604, 57.3949



15.6336, 12.0527, 21.5212



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.



35.4452, 17.0552, 56.6823



58.6917, 28.2407, 93.8295



27.3015, 13.7977, 13.7982



11.6802, 11.4008, 14.1163



22.3123, 10.7355, 35.6929



1.1534, 0.5548, 1.8537

Inverse Universe

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



35.4452, 17.0552, 56.6823



58.6917, 28.2407, 93.8295



23.9925, 44.1462, 19.8304



11.6802, 11.4008, 14.1163



22.3123, 10.7355, 35.6929



1.1534, 0.5548, 1.8537

Previews

White Background



This preview shows how the XYZ color 35.4445, 17.0544, 56.6820 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

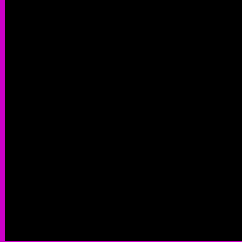
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.4445, 17.0544, 56.6820

Background



This preview shows how black text looks on a background with the XYZ color 35.4445, 17.0544, 56.6820.



This preview shows how white text looks on a background with the XYZ color 35.4445, 17.0544,

56.6820.

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

35.4445, 17.0544, 56.6820

Protanopia

21.3377, 17.9833, 83.2354

Deuteranopia

18.2943, 17.8132, 50.6182



Tritanopia

26.1344, 17.4385, 10.3760

Trichromacy



Original Color

35.4445, 17.0544, 56.6820



Protanomaly

18.7320, 11.5268, 72.4718



Deuteranomaly

19.9596, 12.8128, 51.8732



Tritanomaly

27.7363, 15.5493, 21.6181

Monochromacy



Original Color

35.4445, 17.0544, 56.6820



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

14.0060, 8.6677, 21.0135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4445, 17.0544, 56.6820 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(204, 0, 201)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 201)  
}
```

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(204, 0, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 201) }
```

Border

The CSS property to change the border of an element to XYZ 35.4445, 17.0544, 56.6820 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(204, 0, 201) }
```


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

```
.border{ border-color:rgb(204, 0, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4445, 17.0544, 56.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 201) }
```

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

```
.background{ background-color: rgb(204, 0,  
201) }
```

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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