

Converting Colors

XYZ(35.3774, 17.1786, 51.1409)

Have a look what the booklet for
XYZ(35.3774, 17.1786, 51.1409)
contains.

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Color

**XYZ(35.5486, 17.2591,
51.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	D002C0
RGB	208, 2, 192
RGB Percent	82%, 1%, 75%
CMY	0.1843, 0.9920, 0.2471
CMYK	0.00, 0.99, 0.08, 0.18
HSL	305°, 98%, 41%
HSV	305°, 99%, 82%
XYZ	35.5486, 17.2591, 51.3269
YIQ	85.2540, 61.7860, 102.7620

Conversions

Conversions Part 2

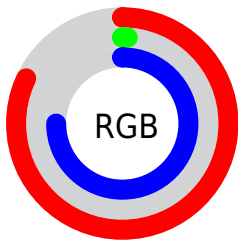
Format	Color
R_{YB}	208, 2, 192
Decimal	13632192
CIE _{Lab}	48.58, 81.86, -44.30
CIE _{LCh}	49, 93.080, 331.580
Yxy	17.2591, 0.3414, 0.1657
Android (android.graphics.Color)	4291822272 (0xFFD002C0)
YUV	85.2540, 52.6258, 107.6482
Hunter-Lab	41.5441, 80.0375, -44.1708

Details

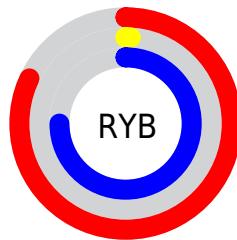
The XYZ color **35.5486, 17.2591, 51.3269** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **22.6910, 45.1692, 8.0962**, and the grayscale version is **8.5758, 9.0224, 9.8254**.

A 20% lighter version of the original color is **62.2532, 35.9283, 93.2763**, and **16.9819, 8.2245, 24.7372** is the 20% darker color. If you saturate the color by 10%, you get **35.5097, 17.2089, 51.2278**, and if you desaturate by 10%, it is **36.0104, 17.8940, 52.3692**.

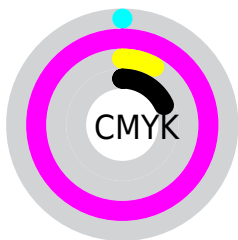
Distribution



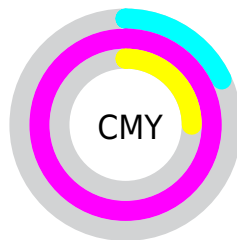
- Red (82%)
- Green (1%)
- Blue (75%)



- Red (82%)
- Yellow (1%)
- Blue (75%)



- Cyan (0%)
- Magenta (99%)
- Yellow (8%)
- Black (18%)





- Cyan (18%)
- Magenta (99%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5486, 17.2591, 51.3269 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 35.5486, 17.2591, 51.3269 by changing the saturation by 10% instead.


 35.5486, 17.2591,
51.3269


 35.5486, 17.2591,
51.3269

318.4490,
236.6611, 408.7153


 24.2543, 10.4194,
36.0903


 67.6632, 38.7707,
93.5542


 15.6481, 5.6779,
24.2137


 89.2142, 54.2114,
121.3821


 9.3647, 2.6502,
15.2786


 114.9148, 73.2879,
154.2441

 5.0389, 0.9520,
8.8663

 145.1303, 96.3846,
192.5588

 2.3051, 0.0000,
4.5585

 180.2261,
123.8859, 236.7447

 0.7973, 0.0000,
1.9365

 220.5676,

 0.0000, 0.0000,

156.1761, 287.2204

0.5158

266.5201,
193.6397, 344.4044

■ 0.0000, 0.0000,
0.0000

■ 35.5486, 17.2591,
51.3269

■ 35.5486, 17.2591,
51.3269

■ 35.5097, 17.2089,
51.2278

■ 36.0104, 17.8940,
52.3692

■ 36.7764, 19.1347,
53.5225

■ 37.9312, 21.1500,
54.8152

■ 39.5261, 24.0422,
56.2643

■ 41.6047, 27.8985,
57.8845

■ 44.2051, 32.7952,
59.6885

■ 47.3617, 38.8012,
61.6878

■ 51.1059, 45.9794,
63.8929

■ 55.4670, 54.3879,
66.3135

Harmonies

Analogous

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



26.6183, 17.2591, 94.3138



35.5486, 17.2591, 51.3269



38.9629, 17.2591, 17.5228

Triad

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



35.5486, 17.2591, 51.3269



15.9548, 17.2591, 0.0000



6.0001, 17.2591, 55.8504

Complementary

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



35.5486, 17.2591, 51.3269



22.6910, 45.1692, 8.0962

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.



4.8409, 17.2591, 20.1215



35.5486, 17.2591, 51.3269



9.2079, 17.2591, 0.3126

Square

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



35.5486, 17.2591, 51.3269



25.5480, 17.2591, 0.1332



5.7711, 17.2591, 4.1032



9.7530, 17.2591, 98.1735

Rectangle

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



35.5486, 17.2591, 51.3269



36.9563, 17.2591, 6.2424



5.7711, 17.2591, 4.1032



5.3673, 17.2591, 41.9994

Sweetspot

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



35.5493, 17.2599, 51.3272



74.3679, 60.1432, 97.3584



11.6170, 4.7063, 59.9714



15.4482, 11.9785, 20.5449



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.



35.5493, 17.2599, 51.3272



56.2629, 27.2692, 81.0396



27.9354, 14.2144, 11.2334



12.2695, 11.9925, 14.6951



22.1478, 10.7319, 32.0139



1.2504, 0.6049, 1.8535

Inverse Universe

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



35.5493, 17.2599, 51.3272



56.2629, 27.2692, 81.0396



25.8962, 46.4513, 24.9745



12.2695, 11.9925, 14.6951



22.1478, 10.7319, 32.0139



1.2504, 0.6049, 1.8535

Previews

White Background



This preview shows how the XYZ color 35.5486, 17.2591, 51.3269 looks on a white background.

Color Contrast Check

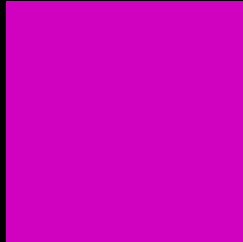
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5486, 17.2591, 51.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

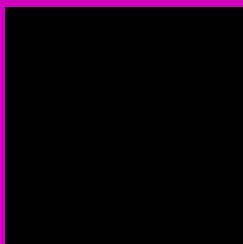
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.5486, 17.2591, 51.3269

Background



This preview shows how black text looks on a background with the XYZ color 35.5486, 17.2591, 51.3269.



This preview shows how white text looks on a background with the XYZ color 35.5486, 17.2591,

51.3269.

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

35.5486, 17.2591, 51.3269

Protanopia

21.4851, 18.0422, 84.0115

Deuteranopia

18.3458, 17.9492, 45.6776



Tritanopia

26.9900, 17.4817, 9.5412

Trichromacy



Original Color

35.5486, 17.2591, 51.3269



Protanomaly

18.5479, 11.5755, 70.3640



Deuteranomaly

20.3737, 13.2387, 46.8289



Tritanomaly

28.5955, 15.9119, 19.6533

Monochromacy



Original Color

35.5486, 17.2591, 51.3269



Achromatopsia

8.6345, 9.0842, 9.8927



Achromatomaly

14.2102, 8.9334, 20.0441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5486, 17.2591, 51.3269 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(208, 2, 192)` looks like.

```
.text, #text, p{  
    color:rgb(208, 2, 192)  
}
```

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(208, 2, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 2, 192) }
```

Border

The CSS property to change the border of an element to XYZ 35.5486, 17.2591, 51.3269 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(208, 2, 192) }
```


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

```
.border{ border-color:rgb(208, 2, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 2, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 2, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 2, 192);  
box-shadow:4px 4px 4px 4px rgb(208, 2,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5486, 17.2591, 51.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 2, 192) }
```

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

```
.background{ background-color: rgb(208, 2,  
192) }
```

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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