

Converting Colors

XYZ(35.0241, 17.4843, 27.4521)

Have a look what the booklet for
XYZ(35.0241, 17.4843, 27.4521)
contains.

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Color

**XYZ(35.0821, 17.5128,
27.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	DE008F
RGB	222, 0, 143
RGB Percent	87%, 0%, 56%
CMY	0.1294, 0.9998, 0.4392
CMYK	0.00, 1.00, 0.36, 0.13
HSL	321°, 100%, 44%
HSV	321°, 100%, 87%
XYZ	35.0821, 17.5128, 27.5179
YIQ	82.6800, 86.4090, 91.5370

Conversions

Conversions Part 2

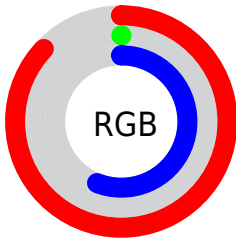
Format	Color
R_{YB}	222, 0, 143
Decimal	14549135
CIE _{Lab}	48.90, 78.92, -14.55
CIE _{LCh}	49, 80.252, 349.552
Yxy	17.5128, 0.4379, 0.2186
Android (android.graphics.Color)	4292739215 (0xFFDE008F)
YUV	82.6800, 29.7378, 122.1836
Hunter-Lab	41.8483, 76.4049, -9.6931

Details

The XYZ color **35.0821, 17.5128, 27.5179** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **27.5348, 52.8080, 16.1479**, and the grayscale version is **8.0920, 8.5134, 9.2711**.

A 20% lighter version of the original color is **55.2324, 33.1199, 56.3050**, and **16.6737, 8.3674, 11.0922** is the 20% darker color. If you saturate the color by 10%, you get **35.0808, 17.5122, 27.5112**, and if you desaturate by 10%, it is **35.9938, 18.3441, 30.8801**.

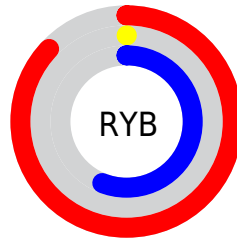
Distribution



Red (87%)

Green (0%)

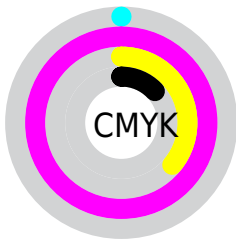
Blue (56%)



Red (87%)

Yellow (0%)

Blue (56%)

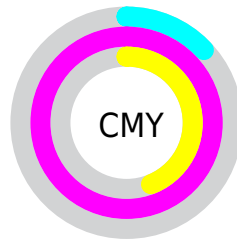


Cyan (0%)

Magenta (100%)

Yellow (36%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0821, 17.5128, 27.5179 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 35.0821, 17.5128, 27.5179 by changing the saturation by 10% instead.

 35.0821, 17.5128,
27.5179


 35.0821, 17.5128,
27.5179


316.4322,
238.1104, 303.9952

 23.8929, 10.6008,
17.7267


 66.9461, 39.2054,
56.7276


 15.3785, 5.7991,
10.5865


 88.3517, 54.7547,
76.9832

 9.1735, 2.7233,
5.6789


 113.8934, 73.9520,
101.5640

 4.9125, 0.9890,
2.5852

 143.9367, 97.1815,
130.8886

 2.2303, 0.0000,
0.8848

 178.8469,
124.8277, 165.3754

 0.7586, 0.0000,
0.0000

 218.9893,

 0.0000, 0.0000,

157.2750, 205.4431

0.0000

264.7293,
194.9078, 251.5102

■ 35.0821, 17.5128,
27.5179

■ 35.0821, 17.5128,
27.5179

■ 35.0808, 17.5122,
27.5112

■ 35.9938, 18.3441,
30.8801

■ 37.2826, 19.8609,
34.5802

■ 39.0583, 22.2813,
38.6587

■ 41.3832, 25.7288,
43.1404

■ 44.3100, 30.3074,
48.0466

■ 47.8848, 36.1083,
53.3964

■ 52.1492, 43.2132,
59.2074

■ 57.1411, 51.6970,
65.4955

■ 62.8955, 61.6286,
72.2761

Harmonies

Analogous

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



30.1006, 17.5128, 59.9909



35.0821, 17.5128, 27.5179



34.1234, 17.5128, 8.3698

Triad

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



35.0821, 17.5128, 27.5179



12.2966, 17.5128, 0.6072



8.9739, 17.5128, 70.4318

Complementary

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



35.0821, 17.5128, 27.5179



27.5348, 52.8080, 16.1479

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.



6.4663, 17.5128, 36.3586



35.0821, 17.5128, 27.5179



7.9504, 17.5128, 2.9152

Square

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



35.0821, 17.5128, 27.5179



19.3807, 17.5128, 0.3767



6.1580, 17.5128, 12.5542



14.1804, 17.5128, 94.5646

Rectangle

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



35.0821, 17.5128, 27.5179



30.3146, 17.5128, 3.0579



6.1580, 17.5128, 12.5542



7.8628, 17.5128, 58.9426

Sweetspot

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



35.0826, 17.5138, 27.5182



71.2319, 58.8889, 80.8448



16.3052, 6.8833, 69.5764



14.6925, 11.6762, 16.5653



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.



35.0826, 17.5138, 27.5182



47.9623, 23.9489, 37.3293



30.4040, 15.6423, 2.8808



14.0771, 13.8485, 16.1761



20.8921, 10.4238, 16.6295



1.4903, 0.7394, 1.3747

Inverse Universe

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



35.0826, 17.5138, 27.5182



47.9623, 23.9489, 37.3293



35.2754, 55.9042, 56.9089



14.0771, 13.8485, 16.1761



20.8921, 10.4238, 16.6295



1.4903, 0.7394, 1.3747

Previews

White Background



This preview shows how the XYZ color 35.0821, 17.5128, 27.5179 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 35.0821, 17.5128, 27.5179 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 35.0821, 17.5128, 27.5179

Background



This preview shows how black text looks on a background with the XYZ color 35.0821, 17.5128, 27.5179.



This preview shows how white text looks on a background with the XYZ color 35.0821, 17.5128,

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

35.0821, 17.5128, 27.5179

Protanopia

20.2921, 18.2889, 60.2182

Deuteranopia

18.3904, 18.0925, 24.7132



Tritanopia

30.8678, 17.9937, 5.9839

Trichromacy



Original Color

35.0821, 17.5128, 27.5179



Protanomaly

20.0320, 12.8883, 45.6879



Deuteranomaly

20.9985, 13.8403, 25.2316



Tritanomaly

31.6898, 17.0600, 11.2955

Monochromacy



Original Color

35.0821, 17.5128, 27.5179



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.6544, 8.6345, 14.3116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0821, 17.5128, 27.5179 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(222, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 143)  
}
```

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(222, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.0821, 17.5128, 27.5179 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(222, 0, 143) }
```


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

```
.border{ border-color:rgb(222, 0, 143) }
```

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

Here you see how a box with a 4 pixel rgb(222, 0, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0821, 17.5128, 27.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 143) }
```

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

```
.background{ background-color: rgb(222, 0,  
143) }
```

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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