

Converting Colors

XYZ(35.4782, 17.6659, 29.8435)

Have a look what the booklet for
XYZ(35.4782, 17.6659, 29.8435)
contains.

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Color

**XYZ(35.5490, 17.6995,
29.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	DE0095
RGB	222, 0, 149
RGB Percent	87%, 0%, 58%
CMY	0.1294, 0.9998, 0.4157
CMYK	0.00, 1.00, 0.33, 0.13
HSL	320°, 100%, 44%
HSV	320°, 100%, 87%
XYZ	35.5490, 17.6995, 29.9765
YIQ	83.3640, 84.4830, 93.4030

Conversions

Conversions Part 2

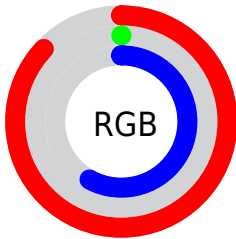
Format	Color
R_{YB}	222, 0, 149
Decimal	14549141
CIE _{Lab}	49.13, 79.52, -17.82
CIE _{LCh}	49, 81.487, 347.371
Yxy	17.6995, 0.4271, 0.2127
Android (android.graphics.Color)	4292739221 (0xFFDE0095)
YUV	83.3640, 32.3585, 121.5838
Hunter-Lab	42.0708, 77.2052, -12.7961

Details

The XYZ color **35.5490, 17.6995, 29.9765** 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 **27.3259, 52.7245, 15.0475**, and the grayscale version is **8.2251, 8.6534, 9.4236**.

A 20% lighter version of the original color is **56.0222, 33.5772, 60.0283**, and **16.9025, 8.4589, 12.2971** is the 20% darker color. If you saturate the color by 10%, you get **35.5479, 17.6991, 29.9706**, and if you desaturate by 10%, it is **36.4422, 18.5233, 33.2413**.

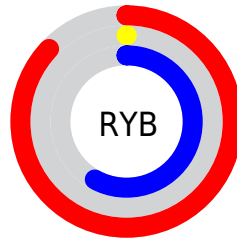
Distribution



Red (87%)

Green (0%)

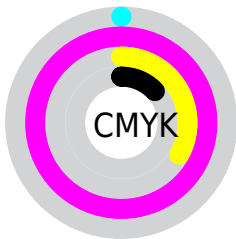
Blue (58%)



Red (87%)

Yellow (0%)

Blue (58%)

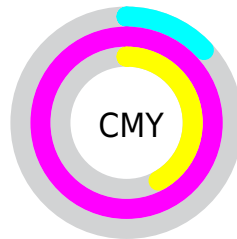


Cyan (0%)

Magenta (100%)

Yellow (33%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5490, 17.6995, 29.9765 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 35.5490, 17.6995, 29.9765 by changing the saturation by 10% instead.

 35.5490, 17.6995,
29.9765


 35.5490, 17.6995,
29.9765


318.4507,
239.1718, 315.9988


 24.2546, 10.7345,
19.5689


 67.6638, 39.5246,
60.6856


 15.6483, 5.8886,
11.9011


 89.2149, 55.1535,
81.8241


 9.3649, 2.7774,
6.5546


 114.9156, 74.4391,
107.3766

 5.0390, 1.0167,
3.1110

 145.1313, 97.7658,
137.7618

 2.3051, 0.0000,
1.1516

 180.2273,
125.5180, 173.3980

 0.7973, 0.0000,
0.0000

 220.5690,

 0.0000, 0.0000,

158.0802, 214.7039

0.0000

266.5217,
195.8366, 262.0980

■ 35.5490, 17.6995,
29.9765

■ 35.5490, 17.6995,
29.9765

■ 35.5479, 17.6991,
29.9706

■ 36.4422, 18.5233,
33.2413

■ 37.7066, 20.0302,
36.8132

■ 39.4518, 22.4383,
40.7321

■ 41.7402, 25.8710,
45.0216

■ 44.6240, 30.4322,
49.7023

■ 48.1495, 36.2132,
54.7924

■ 52.3577, 43.2955,
60.3084

■ 57.2867, 51.7539,
66.2658

■ 62.9712, 61.6573,
72.6789

Harmonies

Analogous

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



30.0670, 17.6995, 63.9366



35.5490, 17.6995, 29.9765



35.0348, 17.6995, 9.2635

Triad

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



35.5490, 17.6995, 29.9765



12.8172, 17.6995, 0.4849



8.7242, 17.6995, 69.5545

Complementary

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



35.5490, 17.6995, 29.9765



27.3259, 52.7245, 15.0475

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.



6.3572, 17.6995, 34.7078



35.5490, 17.6995, 29.9765



8.1825, 17.6995, 2.5346

Square

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



35.5490, 17.6995, 29.9765



20.2332, 17.6995, 0.3629



6.1946, 17.6995, 11.4775



13.8190, 17.6995, 96.0437

Rectangle

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



35.5490, 17.6995, 29.9765



31.3570, 17.6995, 3.3760



6.1946, 17.6995, 11.4775



7.6599, 17.6995, 57.6008

Sweetspot

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



35.5495, 17.7005, 29.9768



71.5205, 59.0043, 82.3644



15.7349, 6.5893, 69.5498



14.7614, 11.7038, 16.9284



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.



35.5495, 17.7005, 29.9768



48.6033, 24.2053, 40.7048



30.5203, 15.6888, 3.4933



14.0933, 13.8550, 16.2615



21.1681, 10.5342, 18.0826



1.5080, 0.7465, 1.4681

Inverse Universe

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



35.5495, 17.7005, 29.9768



48.6033, 24.2053, 40.7048



34.4940, 55.5917, 52.7942



14.0933, 13.8550, 16.2615



21.1681, 10.5342, 18.0826



1.5080, 0.7465, 1.4681

Previews

White Background



This preview shows how the XYZ color 35.5490, 17.6995, 29.9765 looks on a white background.

Color Contrast Check

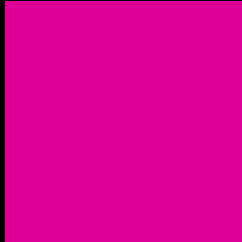
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5490, 17.6995, 29.9765 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 35.5490, 17.6995, 29.9765

Background



This preview shows how black text looks on a background with the XYZ color 35.5490, 17.6995, 29.9765.



This preview shows how white text looks on a background with the XYZ color 35.5490, 17.6995,

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

35.5490, 17.6995, 29.9765

Protanopia

20.9281, 18.6726, 65.4519

Deuteranopia

18.6513, 18.3479, 26.9846



Tritanopia

30.7252, 18.0638, 6.2821

Trichromacy



Original Color

35.5490, 17.6995, 29.9765



Protanomaly

20.4954, 13.1273, 50.1688



Deuteranomaly

21.3113, 14.0488, 27.5751



Tritanomaly

31.5823, 17.0820, 11.9885

Monochromacy



Original Color

35.5490, 17.6995, 29.9765



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.7585, 8.6761, 14.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5490, 17.6995, 29.9765 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, 149)` looks like.

```
.text, #text, p{  
  color:rgb(222, 0, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 149) }
```

Border

The CSS property to change the border of an element to XYZ 35.5490, 17.6995, 29.9765 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, 149) }
```


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

```
.border{ border-color:rgb(222, 0, 149) }
```

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, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5490, 17.6995, 29.9765 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, 149) }
```

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

```
.background{ background-color: rgb(222, 0,  
149) }
```

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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