

Converting Colors

XYZ(34.1995, 17.0894, 26.0501)

Have a look what the booklet for
XYZ(34.1995, 17.0894, 26.0501)
contains.

XYZ(34.1754, 17.0797, 25.9216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1754, 17.0797,
25.9216)**

Conversions

Conversions Part 1

Format	Color
Hex	DC008B
RGB	220, 0, 139
RGB Percent	86%, 0%, 55%
CMY	0.1373, 0.9998, 0.4549
CMYK	0.00, 1.00, 0.37, 0.14
HSL	322°, 100%, 43%
HSV	322°, 100%, 86%
XYZ	34.1754, 17.0797, 25.9216
YIQ	81.6260, 86.5010, 89.8690

Conversions

Conversions Part 2

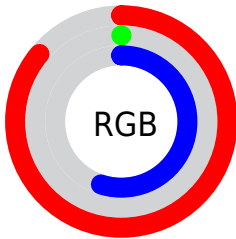
Format	Color
R_{YB}	220, 0, 139
Decimal	14418059
CIE _{Lab}	48.36, 78.13, -12.99
CIE _{LCh}	48, 79.203, 350.561
Yxy	17.0797, 0.4428, 0.2213
Android (android.graphics.Color)	4292608139 (0xFFDC008B)
YUV	81.6260, 28.2854, 121.3540
Hunter-Lab	41.3276, 75.2853, -8.2587

Details

The XYZ color **34.1754, 17.0797, 25.9216** 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 **27.0805, 51.7814, 16.3605**, and the grayscale version is **7.8834, 8.2940, 9.0321**.

A 20% lighter version of the original color is **54.7800, 32.9390, 53.9227**, and **16.1012, 8.0922, 10.1645** is the 20% darker color. If you saturate the color by 10%, you get **34.1743, 17.0793, 25.9156**, and if you desaturate by 10%, it is **35.0774, 17.9009, 29.2522**.

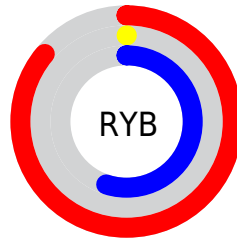
Distribution



Red (86%)

Green (0%)

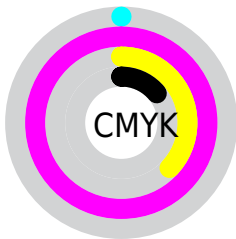
Blue (55%)



Red (86%)

Yellow (0%)

Blue (55%)

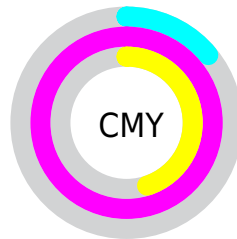


Cyan (0%)

Magenta (100%)

Yellow (37%)

Black (14%)



Cyan (14%)


Magenta (100%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1754, 17.0797, 25.9216 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 34.1754, 17.0797, 25.9216 by changing the saturation by 10% instead.

 34.1754, 17.0797,
25.9216

 34.1754, 17.0797,
25.9216


312.4856,
235.6312, 295.9902


 23.1919, 10.2913,
16.5398


 65.5488, 38.4628,
54.1310

 14.8567, 5.5925,
9.7484


 86.6695, 53.8262,
73.7956


 8.8046, 2.5989,
5.1291


 111.8998, 72.8169,
97.7249

 4.6700, 0.9261,
2.2631

 141.6053, 95.8191,
126.3374

 2.0877, 0.0000,
0.7104

 176.1513,
123.2172, 160.0516

 0.6825, 0.0000,
0.0000

 215.9031,

 0.0000, 0.0000,

155.3957, 199.2861

0.0000

261.2261,
192.7389, 244.4595

■ 34.1754, 17.0797,
25.9216

■ 34.1754, 17.0797,
25.9216

■ 34.1743, 17.0793,
25.9156

■ 35.0774, 17.9009,
29.2522

■ 36.3510, 19.3936,
32.9274

■ 38.1042, 21.7724,
36.9880

■ 40.3980, 25.1580,
41.4583

■ 43.2840, 29.6521,
46.3599

■ 46.8074, 35.3439,
51.7117

■ 51.0089, 42.3134,
57.5312

■ 55.9256, 50.6338,
63.8348

■ 61.5920, 60.3726,
70.6375

Harmonies

Analogous

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



29.5138, 17.0797, 57.0967



34.1754, 17.0797, 25.9216



33.0425, 17.0797, 7.8244

Triad

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



34.1754, 17.0797, 25.9216



11.8237, 17.0797, 0.6448



8.9061, 17.0797, 69.4182

Complementary

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



34.1754, 17.0797, 25.9216



27.0805, 51.7814, 16.3605

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.



6.3851, 17.0797, 36.3809



34.1754, 17.0797, 25.9216



7.6891, 17.0797, 3.0367

Square

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



34.1754, 17.0797, 25.9216



18.6224, 17.0797, 0.3670



6.0180, 17.0797, 12.8010



14.0586, 17.0797, 92.0279

Rectangle

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



34.1754, 17.0797, 25.9216



29.2539, 17.0797, 2.8617



6.0180, 17.0797, 12.8010



7.7960, 17.0797, 58.3681

Sweetspot

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



34.1759, 17.0807, 25.9219



71.1016, 58.8367, 80.1583



16.2859, 6.9041, 68.1844



14.6614, 11.6638, 16.4015



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.



34.1759, 17.0807, 25.9219



47.6815, 23.8366, 35.8503



29.7421, 15.3071, 2.5736



13.4004, 13.1893, 15.3697



20.1119, 10.0458, 15.5013



1.3440, 0.6672, 1.2202

Inverse Universe

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



34.1759, 17.0807, 25.9219



47.6815, 23.8366, 35.8503



34.9617, 54.9339, 57.8620



13.4004, 13.1893, 15.3697



20.1119, 10.0458, 15.5013



1.3440, 0.6672, 1.2202

Previews

White Background



This preview shows how the XYZ color 34.1754, 17.0797, 25.9216 looks on a white background.

Color Contrast Check

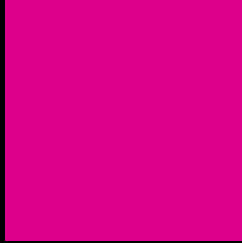
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1754, 17.0797, 25.9216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

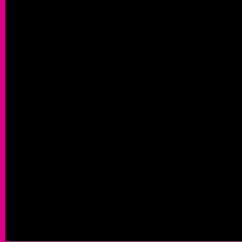
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 34.1754, 17.0797, 25.9216

Background



This preview shows how black text looks on a background with the XYZ color 34.1754, 17.0797, 25.9216.



This preview shows how white text looks on a background with the XYZ color 34.1754, 17.0797,

25.9216.

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

34.1754, 17.0797, 25.9216

Protanopia

19.6344, 17.8636, 56.4460

Deuteranopia

18.0058, 17.7572, 23.2473



Tritanopia

30.1290, 17.4749, 5.6559

Trichromacy



Original Color

34.1754, 17.0797, 25.9216



Protanomaly

19.6784, 12.7647, 43.0216



Deuteranomaly

20.7167, 13.7276, 23.7481



Tritanomaly

30.9366, 16.6419, 10.5985

Monochromacy



Original Color

34.1754, 17.0797, 25.9216



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

13.1919, 8.3408, 13.7466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1754, 17.0797, 25.9216 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(220, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(220, 0, 139)  
}
```

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(220, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 0, 139) }
```

Border

The CSS property to change the border of an element to XYZ 34.1754, 17.0797, 25.9216 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(220, 0, 139) }
```


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

```
.border{ border-color:rgb(220, 0, 139) }
```

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

Here you see how a box with a 4 pixel rgb(220, 0, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(220, 0,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1754, 17.0797, 25.9216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 0, 139) }
```

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

```
.background{ background-color: rgb(220, 0,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor