

Converting Colors

XYZ(34.8018, 17.3953, 26.2815)

Have a look what the booklet for
XYZ(34.8018, 17.3953, 26.2815)
contains.

XYZ(34.8578, 17.4230, 26.3367)	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(34.8578, 17.4230,
26.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	DE008C
RGB	222, 0, 140
RGB Percent	87%, 0%, 55%
CMY	0.1294, 0.9998, 0.4510
CMYK	0.00, 1.00, 0.37, 0.13
HSL	322°, 100%, 44%
HSV	322°, 100%, 87%
XYZ	34.8578, 17.4230, 26.3367
YIQ	82.3380, 87.3720, 90.6040

Conversions

Conversions Part 2

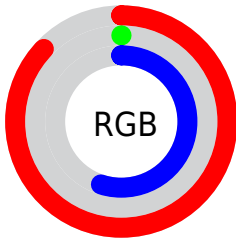
Format	Color
R_{YB}	222, 0, 140
Decimal	14549132
CIE _{Lab}	48.79, 78.63, -12.91
CIE _{LCh}	49, 79.687, 350.678
Yxy	17.4230, 0.4434, 0.2216
Android (android.graphics.Color)	4292739212 (0xFFDE008C)
YUV	82.3380, 28.4274, 122.4836
Hunter-Lab	41.7409, 76.0188, -8.1908

Details

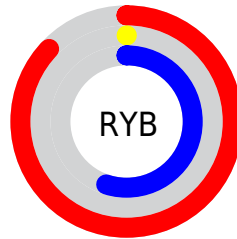
The XYZ color **34.8578, 17.4230, 26.3367** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **27.6464, 52.8527, 16.7357**, and the grayscale version is **8.0251, 8.4430, 9.1944**.

A 20% lighter version of the original color is **54.8920, 32.9837, 54.5123**, and **16.5434, 8.3153, 10.4059** is the 20% darker color. If you saturate the color by 10%, you get **34.8567, 17.4226, 26.3306**, and if you desaturate by 10%, it is **35.7771, 18.2573, 29.7392**.

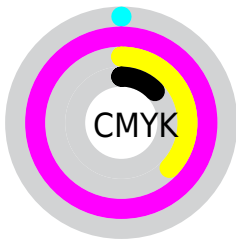
Distribution



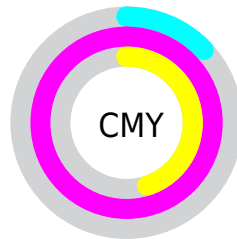
- Red (87%)
- Green (0%)
- Blue (55%)



- Red (87%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (13%)





- Cyan (13%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8578, 17.4230, 26.3367 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 34.8578, 17.4230, 26.3367 by changing the saturation by 10% instead.


 34.8578, 17.4230,
26.3367


 34.8578, 17.4230,
26.3367


315.4592,
237.5983, 298.0889


 23.7194, 10.5365,
16.8477


 66.6009, 39.0516,
54.8084


 15.2492, 5.7561,
9.9651


 87.9363, 54.5626,
74.6281


 9.0819, 2.6974,
5.2705


 113.4013, 73.7172,
98.7285

 4.8522, 0.9759,
2.3454

 143.3614, 96.8998,
127.5280

 2.1947, 0.0000,
0.7565

 178.1819,
124.4948, 161.4453

 0.7399, 0.0000,
0.0000

 218.2281,

 0.0000, 0.0000,

156.8867, 200.8989

0.0000

263.8654,
194.4597, 246.3072

■ 34.8578, 17.4230,
26.3367

■ 34.8578, 17.4230,
26.3367

■ 34.8567, 17.4226,
26.3306

■ 35.7771, 18.2573,
29.7392

■ 37.0765, 19.7782,
33.4953

■ 38.8658, 22.2039,
37.6464

■ 41.2077, 25.6579,
42.2177

■ 44.1547, 30.2445,
47.2310

■ 47.7532, 36.0546,
52.7059

■ 52.0447, 43.1702,
58.6604

■ 57.0673, 51.6660,
65.1110

■ 62.8561, 61.6112,
72.0734

Harmonies

Analogous

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



30.1256, 17.4230, 58.0807



34.8578, 17.4230, 26.3367



33.6790, 17.4230, 7.9426

Triad

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



34.8578, 17.4230, 26.3367



12.0417, 17.4230, 0.6687



9.1033, 17.4230, 70.8993

Complementary

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



34.8578, 17.4230, 26.3367



27.6464, 52.8527, 16.7357

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.



6.5227, 17.4230, 37.2213



34.8578, 17.4230, 26.3367



7.8361, 17.4230, 3.1210

Square

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



34.8578, 17.4230, 26.3367



18.9642, 17.4230, 0.3834



6.1404, 17.4230, 13.1247



14.3681, 17.4230, 93.8548

Rectangle

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



34.8578, 17.4230, 26.3367



29.8056, 17.4230, 2.9053



6.1404, 17.4230, 13.1247



7.9677, 17.4230, 59.6455

Sweetspot

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



34.8583, 17.4240, 26.3370



71.0890, 58.8317, 80.0923



16.6154, 7.0431, 69.5910



14.6584, 11.6626, 16.3858



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.



34.8583, 17.4240, 26.3370



47.6548, 23.8259, 35.7096



30.3544, 15.6224, 2.6197



14.0690, 13.8452, 16.1336



20.7595, 10.3708, 15.9312



1.4817, 0.7360, 1.3294

Inverse Universe

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



34.8583, 17.4240, 26.3370



47.6548, 23.8259, 35.7096



35.6813, 56.0666, 59.0466



14.0690, 13.8452, 16.1336



20.7595, 10.3708, 15.9312



1.4817, 0.7360, 1.3294

Previews

White Background



This preview shows how the XYZ color 34.8578, 17.4230, 26.3367 looks on a white background.

Color Contrast Check

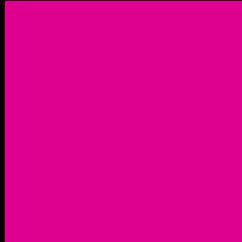
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8578, 17.4230, 26.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

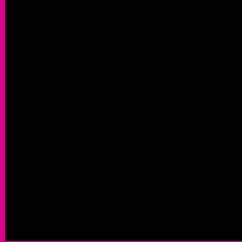
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 34.8578, 17.4230, 26.3367

Background



This preview shows how black text looks on a background with the XYZ color 34.8578, 17.4230, 26.3367.



This preview shows how white text looks on a background with the XYZ color 34.8578, 17.4230,

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

34.8578, 17.4230, 26.3367

Protanopia

19.9494, 18.1809, 57.1014

Deuteranopia

18.3284, 18.0841, 23.6437



Tritanopia

30.7200, 17.7795, 5.6836

Trichromacy



Original Color

34.8578, 17.4230, 26.3367



Protanomaly

19.9341, 12.8850, 43.5559



Deuteranomaly

20.9837, 13.8572, 24.1230



Tritanomaly

31.5347, 16.9503, 10.6265

Monochromacy



Original Color

34.8578, 17.4230, 26.3367



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

13.3490, 8.4218, 13.7540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8578, 17.4230, 26.3367 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.8578, 17.4230, 26.3367 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, 140) }
```


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

```
.border{ border-color:rgb(222, 0, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8578, 17.4230, 26.3367 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, 140) }
```

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

```
.background{ background-color: rgb(222, 0,  
140) }
```

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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