

Converting Colors

XYZ(35.2887, 17.6809, 24.7417)

Have a look what the booklet for
XYZ(35.2887, 17.6809, 24.7417)
contains.

XYZ(35.1844, 17.6249, 24.8401)	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(35.1844, 17.6249,
24.8401)**

Conversions

Conversions Part 1

Format	Color
Hex	E00088
RGB	224, 0, 136
RGB Percent	88%, 0%, 53%
CMY	0.1216, 0.9998, 0.4667
CMYK	0.00, 1.00, 0.39, 0.12
HSL	324°, 100%, 44%
HSV	324°, 100%, 88%
XYZ	35.1844, 17.6249, 24.8401
YIQ	82.4800, 89.8480, 89.7840

Conversions

Conversions Part 2

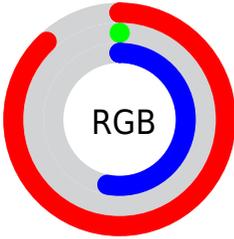
Format	Color
R_{YB}	224, 0, 136
Decimal	14680200
CIE _{Lab}	49.04, 78.67, -10.07
CIE _{LCh}	49, 79.317, 352.705
Yxy	17.6249, 0.4531, 0.2270
Android (android.graphics.Color)	4292870280 (0xFFE00088)
YUV	82.4800, 26.3854, 124.1130
Hunter-Lab	41.9820, 76.1292, -5.6935

Details

The XYZ color **35.1844, 17.6249, 24.8401** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **28.4197, 54.0169, 18.1715**, and the grayscale version is **8.0579, 8.4775, 9.2320**.

A 20% lighter version of the original color is **54.3397, 32.7628, 51.6040**, and **16.7840, 8.4584, 9.5521** is the 20% darker color. If you saturate the color by 10%, you get **35.1830, 17.6243, 24.8330**, and if you desaturate by 10%, it is **36.1316, 18.4766, 28.3702**.

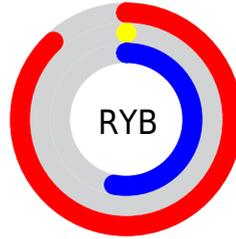
Distribution



Red (88%)

Green (0%)

Blue (53%)



Red (88%)

Yellow (0%)

Blue (53%)

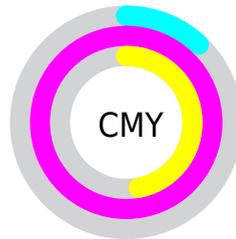


Cyan (0%)

Magenta (100%)

Yellow (39%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1844, 17.6249, 24.8401 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 35.1844, 17.6249, 24.8401 by changing the saturation by 10% instead.

 35.1844, 17.6249,
24.8401

 35.1844, 17.6249,
24.8401

316.8753,
238.7482, 290.4628

 23.9721, 10.6810,
15.7400

 67.1035, 39.3971,
52.3586

 15.4376, 5.8528,
9.1880

 88.5410, 54.9942,
71.6141

 9.2154, 2.7558,
4.7655

 114.1176, 74.2446,
95.0918

 4.9402, 1.0056,
2.0540

 144.1988, 97.5325,
123.2103

 2.2466, 0.0000,
0.5882

 179.1498,
125.2425, 156.3882

 0.7671, 0.0000,
0.0000

 219.3359,

 0.0000, 0.0000,

157.7588, 195.0438

0.0000

265.1227,
195.4659, 239.5959

■ 35.1844, 17.6249,
24.8401

■ 35.1844, 17.6249,
24.8401

■ 35.1830, 17.6243,
24.8330

■ 36.1316, 18.4766,
28.3702

■ 37.4729, 20.0325,
32.2909

■ 39.3201, 22.5143,
36.6452

■ 41.7376, 26.0487,
41.4601

■ 44.7792, 30.7421,
46.7589

■ 48.4926, 36.6878,
52.5626

■ 52.9203, 43.9695,
58.8904

■ 58.1016, 52.6638,
65.7602

■ 64.0723, 62.8412,
73.1890

Harmonies

Analogous

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



30.8006, 17.6249, 55.9516



35.1844, 17.6249, 24.8401



33.5907, 17.6249, 7.3733

Triad

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



35.1844, 17.6249, 24.8401



11.8412, 17.6249, 0.7955



9.5289, 17.6249, 73.2342

Complementary

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



35.1844, 17.6249, 24.8401



28.4197, 54.0169, 18.1715

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.



6.7606, 17.6249, 39.5903



35.1844, 17.6249, 24.8401



7.7953, 17.6249, 3.5803

Square

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



35.1844, 17.6249, 24.8401



18.6232, 17.6249, 0.4106



6.2359, 17.6249, 14.4699



15.0104, 17.6249, 94.5511

Rectangle

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



35.1844, 17.6249, 24.8401



29.5241, 17.6249, 2.7026



6.2359, 17.6249, 14.4699



8.3249, 17.6249, 62.1773

Sweetspot

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



35.1849, 17.6259, 24.8404



70.8425, 58.7331, 78.7941



17.2833, 7.3564, 71.0299



14.5996, 11.6391, 16.0764



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.



35.1849, 17.6259, 24.8404



47.1396, 23.6198, 32.9969



30.9294, 15.9237, 2.4311



14.0550, 13.8396, 16.0597



20.5372, 10.2819, 14.7603



1.4672, 0.7301, 1.2529

Inverse Universe

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



35.1849, 17.6259, 24.8404



47.1396, 23.6198, 32.9969



36.8345, 57.3829, 62.4835



14.0550, 13.8396, 16.0597



20.5372, 10.2819, 14.7603



1.4672, 0.7301, 1.2529

Previews

White Background



This preview shows how the XYZ color 35.1844, 17.6249, 24.8401 looks on a white background.

Color Contrast Check

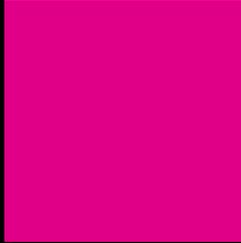
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1844, 17.6249, 24.8401 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 35.1844, 17.6249, 24.8401

Background



This preview shows how black text looks on a background with the XYZ color 35.1844, 17.6249, 24.8401.



This preview shows how white text looks on a background with the XYZ color 35.1844, 17.6249,

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

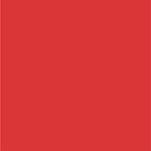
35.1844, 17.6249, 24.8401

Protanopia

20.0262, 18.4571, 54.1369

Deuteranopia

18.5008, 18.2034, 22.2772



Tritanopia

31.2222, 17.9742, 5.4382

Trichromacy



Original Color

35.1844, 17.6249, 24.8401



Protanomaly

20.4053, 13.2719, 41.5307



Deuteranomaly

21.3121, 14.0582, 22.7093



Tritanomaly

31.9911, 17.1563, 10.0129

Monochromacy



Original Color

35.1844, 17.6249, 24.8401



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.5029, 8.5738, 13.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1844, 17.6249, 24.8401 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(224, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 136)  
}
```

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(224, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 136) }
```

Border

The CSS property to change the border of an element to XYZ 35.1844, 17.6249, 24.8401 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(224, 0, 136) }
```

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

```
.border{ border-color:rgb(224, 0, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 0, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1844, 17.6249, 24.8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 136) }
```

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

```
.background{ background-color: rgb(224, 0,  
136) }
```

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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