

Converting Colors

XYZ(54.3094, 27.7028, 36.2830)

Have a look what the booklet for
XYZ(54.3094, 27.7028, 36.2830)
contains.

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Color

**XYZ(47.9794, 24.4460,
35.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	FF17A1
RGB	255, 23, 161
RGB Percent	100%, 9%, 63%
CMY	0.0000, 0.9097, 0.3686
CMYK	0.00, 0.91, 0.37, 0.00
HSL	324°, 100%, 55%
HSV	324°, 91%, 100%
XYZ	47.9794, 24.4460, 35.9080
YIQ	108.1000, 93.9740, 92.1020

Conversions

Conversions Part 2

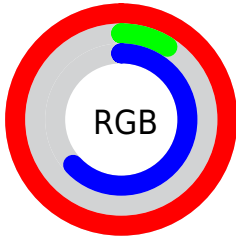
Format	Color
R_{YB}	255, 23, 161
Decimal	16717729
CIE _{Lab}	56.53, 85.48, -13.12
CIE _{LCh}	57, 86.481, 351.271
Yxy	24.4460, 0.4429, 0.2257
Android (android.graphics.Color)	4294907809 (0xFFFF17A1)
YUV	108.1000, 26.0797, 128.8313
Hunter-Lab	49.4429, 86.6914, -8.4495

Details

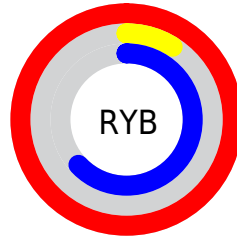
The XYZ color **47.9794, 24.4460, 35.9080** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **39.3270, 72.9877, 28.8555**, and the grayscale version is **14.1978, 14.9372, 16.2666**.

A 20% lighter version of the original color is **58.7887, 36.5259, 68.9175**, and **24.4985, 12.3106, 15.5530** is the 20% darker color. If you saturate the color by 10%, you get **46.8801, 23.5161, 31.6307**, and if you desaturate by 10%, it is **49.7015, 26.3709, 41.1657**.

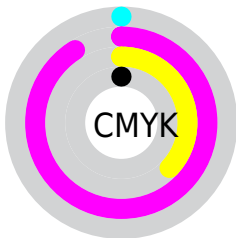
Distribution



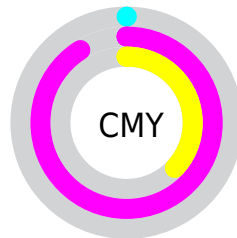
- Red (100%)
- Green (9%)
- Blue (63%)



- Red (100%)
- Yellow (9%)
- Blue (63%)



- Cyan (0%)
- Magenta (91%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (91%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9794, 24.4460, 35.9080 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 47.9794, 24.4460, 35.9080 by changing the saturation by 10% instead.


 47.9794, 24.4460,
35.9080

 47.9794, 24.4460,
35.9080


369.2944,
275.0676, 343.5835


 34.0218, 15.6648,
24.0740


 86.3836, 50.7570,
70.0575


 23.0733, 9.2873,
15.1758


 111.5609, 69.0557,
93.2101


 14.7686, 4.9290,
8.7949


 141.2088, 91.2955,
120.9726

 8.7424, 2.2057,
4.5127

 175.6926,
117.8611, 153.7636

 4.6293, 0.7231,
1.9106

 215.3777,
149.1366, 192.0017

 2.0640, 0.0000,
0.4995

260.6295,

 0.6695, 0.0000,

185.5067, 236.1053

0.0000

311.8133,
227.3555, 286.4931

■ 0.0000, 0.0000,
0.0000

■ 47.9794, 24.4460,
35.9080

■ 47.9794, 24.4460,
35.9080

■ 46.8801, 23.5161,
31.6307

■ 49.7015, 26.3709,
41.1657

■ 52.1002, 29.5258,
47.0289

■ 55.2671, 34.0911,
53.5369

■ 59.2783, 40.2161,
60.7229

■ 64.1999, 48.0310,
68.6169

70.0915, 57.6520,
77.2463

77.0073, 69.1854,
86.6367

84.9972, 82.7286,
96.8119

94.1081, 98.3730,
107.7946

Harmonies

Analogous

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



41.7567, 24.4460, 78.2692



47.9794, 24.4460, 35.9080



46.2330, 24.4460, 11.1897

Triad

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



47.9794, 24.4460, 35.9080



16.9186, 24.4460, 1.1966



13.1391, 24.4460, 97.1168

Complementary

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



47.9794, 24.4460, 35.9080



39.3270, 72.9877, 28.8555

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.



9.5007, 24.4460, 52.0974



47.9794, 24.4460, 35.9080



11.2056, 24.4460, 4.8609

Square

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



47.9794, 24.4460, 35.9080



26.2859, 24.4460, 0.8382



8.9127, 24.4460, 19.0860



20.4302, 24.4460, 127.0088

Rectangle

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



47.9794, 24.4460, 35.9080



40.9491, 24.4460, 4.2814



8.9127, 24.4460, 19.0860



11.5473, 24.4460, 82.1854

Sweetspot

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



47.9801, 24.4474, 35.9084



72.7094, 61.9926, 80.8789



25.5357, 11.5349, 95.4882



15.0784, 12.4654, 16.6406



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.



47.9801, 24.4474, 35.9084



46.8802, 23.5161, 31.6308



42.0448, 22.0732, 4.6533



18.4629, 18.1685, 21.0546



24.5718, 12.3180, 16.9275



2.4466, 1.2210, 1.9334

Inverse Universe

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



47.9801, 24.4474, 35.9084



46.8802, 23.5161, 31.6308



50.6517, 77.5175, 88.4904



18.4629, 18.1685, 21.0546



24.5718, 12.3180, 16.9275



2.4466, 1.2210, 1.9334

Previews

White Background



This preview shows how the XYZ color 47.9794, 24.4460, 35.9080 looks on a white background.

Color Contrast Check

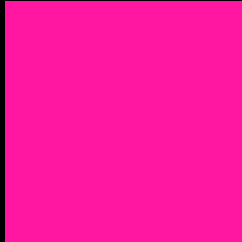
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.9794, 24.4460, 35.9080 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 47.9794, 24.4460, 35.9080

Background



This preview shows how black text looks on a background with the XYZ color 47.9794, 24.4460, 35.9080.



This preview shows how white text looks on a background with the XYZ color 47.9794, 24.4460,

35.9080.

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

47.9794, 24.4460, 35.9080

Protanopia

27.3209, 24.9179, 76.7685

Deuteranopia

25.0840, 24.5442, 32.2696



Tritanopia

42.0893, 24.4658, 8.1342

Trichromacy



Original Color

47.9794, 24.4460, 35.9080



Protanomaly

28.1399, 19.0584, 59.3222



Deuteranomaly

29.4270, 20.1777, 32.9156



Tritanomaly

43.3225, 23.7497, 14.8712

Monochromacy



Original Color

47.9794, 24.4460, 35.9080



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

21.1826, 14.4171, 21.7450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9794, 24.4460, 35.9080 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(255, 23, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 161)  
}
```

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(255, 23, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 161) }
```

Border

The CSS property to change the border of an element to XYZ 47.9794, 24.4460, 35.9080 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(255, 23, 161) }
```


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

```
.border{ border-color:rgb(255, 23, 161) }
```

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

Here you see how a box with a 4 pixel rgb(255, 23, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9794, 24.4460, 35.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 161) }
```

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

```
.background{ background-color: rgb(255, 23,  
161) }
```

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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