

Converting Colors

XYZ(44.0041, 25.4998, 31.7012)

Have a look what the booklet for
XYZ(44.0041, 25.4998, 31.7012)
contains.

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Color

**XYZ(44.1789, 25.5699,
31.8851)**

Conversions

Conversions Part 1

Format	Color
Hex	F14897
RGB	241, 72, 151
RGB Percent	95%, 28%, 59%
CMY	0.0549, 0.7176, 0.4078
CMYK	0.00, 0.70, 0.37, 0.05
HSL	332°, 86%, 61%
HSV	332°, 70%, 95%
XYZ	44.1789, 25.5699, 31.8851
YIQ	131.5370, 75.3650, 60.3970

Conversions

Conversions Part 2

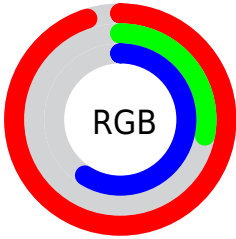
Format	Color
R _{YB}	241, 72, 151
Decimal	15812759
CIE Lab	57.63, 69.96, -5.87
CIE LCh	58, 70.203, 355.203
Yxy	25.5699, 0.4347, 0.2516
Android (android.graphics.Color)	4294002839 (0xFFFF14897)
YUV	131.5370, 9.5953, 95.9991
Hunter-Lab	50.5667, 67.4595, -1.9889

Details

The XYZ color **44.1789, 25.5699, 31.8851** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **40.6511, 66.8977, 44.9574**, and the grayscale version is **21.7149, 22.8458, 24.8791**.

A 20% lighter version of the original color is **60.5107, 42.1703, 62.7080**, and **21.1226, 10.6234, 12.9938** is the 20% darker color. If you saturate the color by 10%, you get **41.9283, 22.6472, 26.2690**, and if you desaturate by 10%, it is **47.1546, 29.7612, 38.3033**.

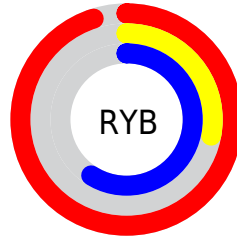
Distribution



Red (95%)

Green (28%)

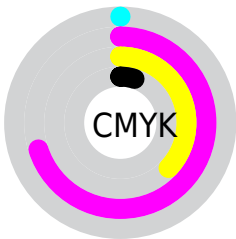
Blue (59%)



Red (95%)

Yellow (28%)

Blue (59%)

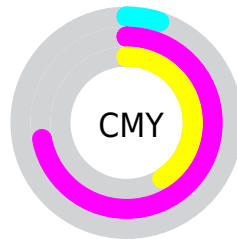


Cyan (0%)

Magenta (70%)

Yellow (37%)

Black (5%)



Cyan (5%)


Magenta (72%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1789, 25.5699, 31.8851 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 44.1789, 25.5699, 31.8851 by changing the saturation by 10% instead.


 44.1789, 25.5699,
31.8851


 44.1789, 25.5699,
31.8851


354.2777,
280.6643, 325.0721

 31.0097, 16.5022,
21.0097


 80.7316, 52.5803,
63.7267

 20.7581, 9.8802,
12.9398


 104.8457, 71.2917,
85.5300


 13.0587, 5.3196,
7.2568


 133.3389, 93.9865,
111.8130

 7.5463, 2.4360,
3.5424

 166.5765,
121.0490, 142.9942

 3.8554, 0.8443,
1.3778

 204.9238,
152.8636, 179.4921

 1.6206, 0.0000,
0.1243

248.7462,

 0.4058, 0.0000,

189.8148, 221.7254

0.0000

298.4091,
232.2869, 270.1126

■ 0.0000, 0.0000,
0.0000

■ 44.1789, 25.5699,
31.8851

■ 44.1789, 25.5699,
31.8851

■ 41.9283, 22.6472,
26.2690

■ 47.1546, 29.7612,
38.3033

■ 40.3212, 20.8354,
21.4093


■ 50.9205, 35.3457,
45.5616


■ 39.2365, 19.8851,
17.2896

■ 55.5363, 42.4377,
53.6966


■ 61.0553, 51.1384,
62.7416

■ 67.5260, 61.5402,
72.7279

 74.9934, 73.7282,
83.6851

 83.4996, 87.7820,
95.6413

 89.8740, 97.3561,
107.5532

 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



40.0997, 25.5699, 63.3953



44.1789, 25.5699, 31.8851



42.0125, 25.5699, 12.4401

Triad

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



44.1789, 25.5699, 31.8851



18.0620, 25.5699, 3.4721



16.2124, 25.5699, 85.6069

Complementary

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



44.1789, 25.5699, 31.8851



40.6511, 66.8977, 44.9574

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.



12.4362, 25.5699, 52.5070



44.1789, 25.5699, 31.8851



13.3191, 25.5699, 8.9254

Square

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



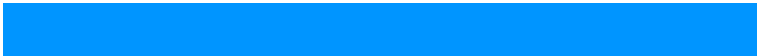
44.1789, 25.5699, 31.8851



25.6772, 25.5699, 2.5185



11.5138, 25.5699, 24.1547



22.9796, 25.5699, 103.8974

Rectangle

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



44.1789, 25.5699, 31.8851



37.5309, 25.5699, 6.2439



11.5138, 25.5699, 24.1547



14.6185, 25.5699, 75.1653

Sweetspot

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



44.1796, 25.5713, 31.8855



76.0252, 68.7608, 81.5629



32.5573, 18.3909, 85.0529



15.8189, 13.9852, 16.7676



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.



44.1796, 25.5713, 31.8855



46.8280, 24.7528, 27.4786



39.9501, 24.1776, 8.6939



16.0803, 15.8818, 17.9790



21.3439, 10.8100, 9.7275



1.8254, 0.9192, 1.0716

Inverse Universe

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



44.1796, 25.5713, 31.8855



46.8280, 24.7528, 27.4786



49.1785, 68.9850, 93.9425



16.0803, 15.8818, 17.9790



21.3439, 10.8100, 9.7275



1.8254, 0.9192, 1.0716

Previews

White Background



This preview shows how the XYZ color 44.1789, 25.5699, 31.8851 looks on a white background.

Color Contrast Check

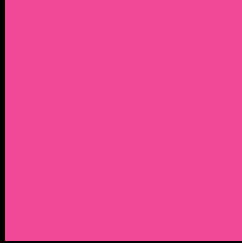
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.1789, 25.5699, 31.8851 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 44.1789, 25.5699, 31.8851

Background



This preview shows how black text looks on a background with the XYZ color 44.1789, 25.5699, 31.8851.



This preview shows how white text looks on a background with the XYZ color 44.1789, 25.5699,

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

44.1789, 25.5699, 31.8851

Protanopia

26.5973, 25.8792, 54.0454

Deuteranopia

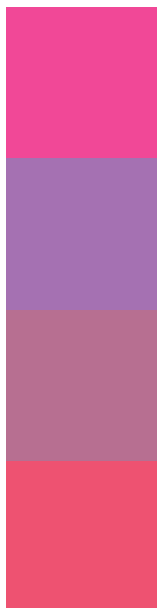
25.9853, 25.4872, 29.1411



Tritanopia

40.2650, 25.5936, 12.9431

Trichromacy



Original Color

44.1789, 25.5699, 31.8851

Protanomaly

29.4581, 23.0239, 45.0109

Deuteranomaly

30.3237, 23.4805, 29.7220

Tritanomaly

41.2578, 25.4040, 18.3517

Monochromacy



Original Color

44.1789, 25.5699, 31.8851

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.2494, 21.7866, 27.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1789, 25.5699, 31.8851 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(241, 72, 151)` looks like.

```
.text, #text, p{  
    color:rgb(241, 72, 151)  
}
```

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(241, 72, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 72, 151) }
```

Border

The CSS property to change the border of an element to XYZ 44.1789, 25.5699, 31.8851 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(241, 72, 151) }
```


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

```
.border{ border-color:rgb(241, 72, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 72, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 72, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 72, 151);  
box-shadow:4px 4px 4px 4px rgb(241, 72,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1789, 25.5699, 31.8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 72, 151) }
```

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

```
.background{ background-color: rgb(241, 72,  
151) }
```

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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