

Converting Colors

XYZ(43.3696, 26.0993, 20.6470)

Have a look what the booklet for
XYZ(43.3696, 26.0993, 20.6470)
contains.

XYZ(43.4944, 26.1811, 20.5304)	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(43.4944, 26.1811,
20.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	F44F78
RGB	244, 79, 120
RGB Percent	96%, 31%, 47%
CMY	0.0431, 0.6902, 0.5294
CMYK	0.00, 0.68, 0.51, 0.04
HSL	345°, 88%, 63%
HSV	345°, 68%, 96%
XYZ	43.4944, 26.1811, 20.5304
YIQ	133.0090, 85.1790, 47.7310

Conversions

Conversions Part 2

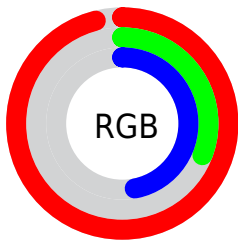
Format	Color
R_{YB}	244, 79, 120
Decimal	16011128
CIE _{Lab}	58.21, 65.44, 13.26
CIE _{LCh}	58, 66.768, 11.455
Yxy	26.1811, 0.4822, 0.2902
Android (android.graphics.Color)	4294201208 (0xFFFF44F78)
YUV	133.0090, -6.4134, 97.3391
Hunter-Lab	51.1675, 62.1891, 12.0278

Details

The XYZ color **43.4944, 26.1811, 20.5304** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle washed rose. A complement of this color would be **46.3565, 70.6762, 67.7043**, and the grayscale version is **22.2999, 23.4612, 25.5492**.

A 20% lighter version of the original color is **57.6321, 42.1299, 44.1241**, and **20.4611, 10.4130, 7.0624** is the 20% darker color. If you saturate the color by 10%, you get **41.0375, 22.8812, 14.7365**, and if you desaturate by 10%, it is **46.8113, 30.8601, 27.6629**.

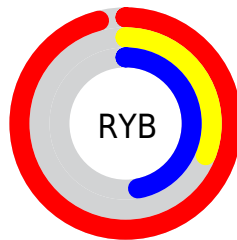
Distribution



Red (96%)

Green (31%)

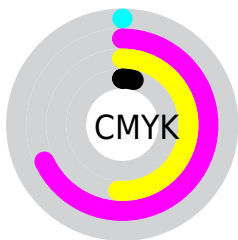
Blue (47%)



Red (96%)

Yellow (31%)

Blue (47%)

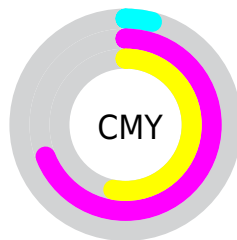


Cyan (0%)

Magenta (68%)

Yellow (51%)

Black (4%)



Cyan (4%)


Magenta (69%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4944, 26.1811, 20.5304 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 43.4944, 26.1811, 20.5304 by changing the saturation by 10% instead.


 43.4944, 26.1811,
20.5304


 43.4944, 26.1811,
20.5304


351.5282,
283.6700, 267.4708


 30.4694, 16.9592,
12.5933


 79.7075, 53.5670,
45.1753


 20.3450, 10.2054,
7.0217


 103.6263, 72.4997,
62.7201

 12.7558, 5.5353,
3.3970


 131.9071, 95.4381,
84.3046

 7.3364, 2.5647,
1.3007

 164.9152,
122.7667, 110.3473

 3.7216, 0.9089,
0.0624

203.0160,
154.8697, 141.2667

 1.5459, 0.0000,
0.0000

246.5749,

 0.3567, 0.0000,

192.1317, 177.4814

0.0000

295.9572,
234.9370, 219.4099

■ 0.0000, 0.0000,
0.0000

■ 43.4944, 26.1811,
20.5304

■ 43.4944, 26.1811,
20.5304

■ 41.0375, 22.8812,
14.7365

■ 46.8113, 30.8601,
27.6629

■ 39.3517, 20.8018,
10.1906

■ 51.0608, 37.0452,
36.2130


■ 38.3250, 19.7407,
6.7894


■ 56.3098, 44.8535,
46.2547


■ 38.1402, 19.5659,
6.1278

■ 62.6184, 54.3895,
57.8564

■ 70.0418, 65.7489,
71.0821

 78.6313, 79.0202,
85.9920

 88.4349, 94.2863,
102.6434

 91.1181, 97.9731,
108.7160

Harmonies

Analogous

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



42.7747, 26.1811, 45.1868



43.4944, 26.1811, 20.5304



38.4857, 26.1811, 7.9932

Triad

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



43.4944, 26.1811, 20.5304



15.9279, 26.1811, 6.4352



20.2500, 26.1811, 95.2033

Complementary

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



43.4944, 26.1811, 20.5304



46.3565, 70.6762, 67.7043

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.



14.9372, 26.1811, 69.4350



43.4944, 26.1811, 20.5304



12.8414, 26.1811, 16.5383

Square

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



43.4944, 26.1811, 20.5304



21.9161, 26.1811, 3.3241



12.5232, 26.1811, 38.3203



28.1092, 26.1811, 98.4305

Rectangle

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



43.4944, 26.1811, 20.5304



33.0980, 26.1811, 4.5285



12.5232, 26.1811, 38.3203



18.1561, 26.1811, 88.4276

Sweetspot

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



43.4951, 26.1826, 20.5308



75.3144, 69.4384, 74.8547



43.6870, 24.7868, 88.0695



15.6168, 14.0912, 15.1277



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.



43.4951, 26.1826, 20.5308



44.6044, 24.3265, 14.3419



45.4673, 33.2927, 11.4288



16.6680, 16.5500, 17.9981



20.7842, 10.6571, 3.5720



1.8662, 0.9524, 0.5216

Inverse Universe

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



43.4951, 26.1826, 20.5308



44.6044, 24.3265, 14.3419



40.8519, 50.7893, 93.2380



16.6680, 16.5500, 17.9981



20.7842, 10.6571, 3.5720



1.8662, 0.9524, 0.5216

Previews

White Background



This preview shows how the XYZ color 43.4944, 26.1811, 20.5304 looks on a white background.

Color Contrast Check

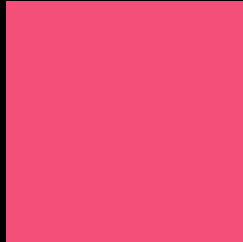
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4944, 26.1811, 20.5304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

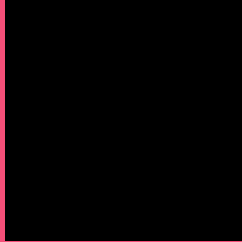
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.4944, 26.1811, 20.5304

Background



This preview shows how black text looks on a background with the XYZ color 43.4944, 26.1811, 20.5304.



This preview shows how white text looks on a background with the XYZ color 43.4944, 26.1811,

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

43.4944, 26.1811, 20.5304

Protanopia

25.5476, 26.2212, 33.4205

Deuteranopia

26.6929, 26.2843, 18.9958



Tritanopia

41.7119, 26.1124, 12.5146

Trichromacy



Original Color

43.4944, 26.1811, 20.5304

Protanomaly

29.2264, 23.9631, 27.8959

Deuteranomaly

30.9635, 24.7057, 19.3564

Tritanomaly

42.4044, 26.1808, 15.1304

Monochromacy



Original Color

43.4944, 26.1811, 20.5304

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

27.0350, 22.2530, 23.2924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4944, 26.1811, 20.5304 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(244, 79, 120)` looks like.

```
.text, #text, p{  
    color:rgb(244, 79, 120)  
}
```

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(244, 79, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 79, 120) }
```

Border

The CSS property to change the border of an element to XYZ 43.4944, 26.1811, 20.5304 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(244, 79, 120) }
```


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

```
.border{ border-color:rgb(244, 79, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 79, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 79, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 79, 120);  
box-shadow:4px 4px 4px 4px rgb(244, 79,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4944, 26.1811, 20.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 79, 120) }
```

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

```
.background{ background-color: rgb(244, 79,  
120) }
```

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