

Converting Colors

XYZ(44.9139, 25.8748, 11.5798)

Have a look what the booklet for
XYZ(44.9139, 25.8748, 11.5798)
contains.

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Color

**XYZ(44.9085, 25.8445,
11.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4257
RGB	255, 66, 87
RGB Percent	100%, 26%, 34%
CMY	0.0000, 0.7411, 0.6588
CMYK	0.00, 0.74, 0.66, 0.00
HSL	353°, 100%, 63%
HSV	353°, 74%, 100%
XYZ	44.9085, 25.8445, 11.6384
YIQ	124.9050, 105.9030, 46.5990

Conversions

Conversions Part 2

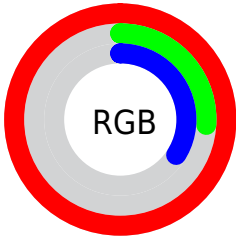
Format	Color
R_{YB}	255, 66, 87
Decimal	16728663
CIE _{Lab}	57.89, 70.95, 32.48
CIE _{LCh}	58, 78.027, 24.598
Yxy	25.8445, 0.5451, 0.3137
Android (android.graphics.Color)	4294918743 (0xFFFF4257)
YUV	124.9050, -18.6872, 114.0933
Hunter-Lab	50.8375, 68.7166, 22.0128

Details

The XYZ color **44.9085, 25.8445, 11.6384** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **52.8605, 78.6195, 90.2402**, and the grayscale version is **19.4988, 20.5142, 22.3400**.

A 20% lighter version of the original color is **53.4745, 38.5045, 28.2806**, and **21.6531, 11.1143, 3.1945** is the 20% darker color. If you saturate the color by 10%, you get **42.9509, 23.1863, 7.1119**, and if you desaturate by 10%, it is **47.8214, 29.9488, 17.9177**.

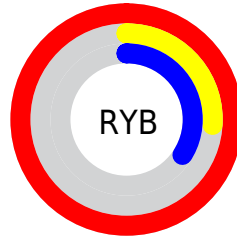
Distribution



Red (100%)

Green (26%)

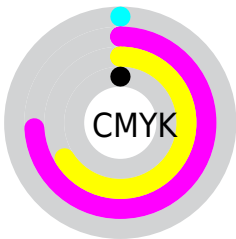
Blue (34%)



Red (100%)

Yellow (26%)

Blue (34%)

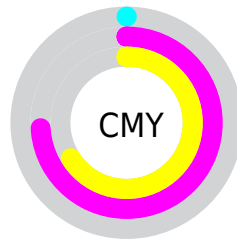


Cyan (0%)

Magenta (74%)

Yellow (66%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9085, 25.8445, 11.6384 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 44.9085, 25.8445, 11.6384 by changing the saturation by 10% instead.


 44.9085, 25.8445,
11.6384


 44.9085, 25.8445,
11.6384

357.1928,
282.0179, 212.8887


 31.5863, 16.7073,
6.3784


 81.8210, 53.0240,
29.4893

 21.1997, 10.0261,
3.0040


 106.1420, 71.8351,
42.9172


 13.3834, 5.4162,
1.0967


 134.8601, 94.6397,
59.9050

 7.7719, 2.4935,
0.0000

 168.3405,
121.8221, 80.8710

 3.9999, 0.8734,
0.0000

 206.9486,
153.7667, 106.2338

 1.7021, 0.0000,
0.0000

251.0498,

 0.4576, 0.0000,

190.8579, 136.4120

0.0000

301.0094,
233.4802, 171.8242

■ 0.0000, 0.0000,
0.0000

■ 44.9085, 25.8445,
11.6384

■ 44.9085, 25.8445,
11.6384

■ 42.9509, 23.1863,
7.1119

■ 47.8214, 29.9488,
17.9177

■ 41.8227, 21.7667,
4.1562


■ 51.7906, 35.6608,
26.1045


■ 41.4532, 21.3452,
3.0539

■ 56.9062, 43.1258,
36.3374

■ 63.2480, 52.4713,
48.7421

■ 70.8887, 63.8133,
63.4340

 79.8953, 77.2581,
80.5202

 90.3302, 92.9046,
100.1011

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



47.2788, 25.8445, 33.2940



44.9085, 25.8445, 11.6384



36.5780, 25.8445, 3.5337

Triad

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



44.9085, 25.8445, 11.6384



12.5914, 25.8445, 7.5576



22.9037, 25.8445, 117.3844

Complementary

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



44.9085, 25.8445, 11.6384



52.8605, 78.6195, 90.2402

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.



15.5196, 25.8445, 94.8285



44.9085, 25.8445, 11.6384



10.6179, 25.8445, 23.5479

Square

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



44.9085, 25.8445, 11.6384



17.7897, 25.8445, 2.4482



11.5339, 25.8445, 55.6163



32.8719, 25.8445, 106.1957

Rectangle

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



44.9085, 25.8445, 11.6384



29.6782, 25.8445, 1.9326



11.5339, 25.8445, 55.6163



20.0747, 25.8445, 113.2179

Sweetspot

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



44.9091, 25.8460, 11.6388



72.6756, 66.4749, 66.8404



53.5872, 28.4334, 97.2710



15.0670, 13.5007, 13.3748



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.



44.9091, 25.8460, 11.6388



42.3049, 22.3523, 5.4835



51.3779, 39.9621, 10.1619



18.0914, 18.0199, 19.0983



21.6864, 11.1638, 1.7330



2.1369, 1.0971, 0.3024

Inverse Universe

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



44.9091, 25.8460, 11.6388



42.3049, 22.3523, 5.4835



37.1394, 42.0623, 100.7686



18.0914, 18.0199, 19.0983



21.6864, 11.1638, 1.7330



2.1369, 1.0971, 0.3024

Previews

White Background



This preview shows how the XYZ color 44.9085, 25.8445, 11.6384 looks on a white background.

Color Contrast Check

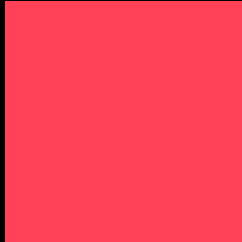
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9085, 25.8445, 11.6384 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 44.9085, 25.8445, 11.6384

Background



This preview shows how black text looks on a background with the XYZ color 44.9085, 25.8445, 11.6384.



This preview shows how white text looks on a background with the XYZ color 44.9085, 25.8445,

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

44.9085, 25.8445, 11.6384

Protanopia

24.4176, 25.9292, 20.2409

Deuteranopia

26.3046, 25.8569, 10.6257



Tritanopia

44.1709, 25.7950, 8.7818

Trichromacy



Original Color

44.9085, 25.8445, 11.6384

Protanomaly

28.5937, 23.0474, 16.3061

Deuteranomaly

31.0412, 23.9489, 10.7711

Tritanomaly

44.2797, 25.7409, 9.6559

Monochromacy



Original Color

44.9085, 25.8445, 11.6384

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

24.8328, 19.8190, 17.5555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9085, 25.8445, 11.6384 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, 66, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 87)  
}
```

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, 66, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 87) }
```

Border

The CSS property to change the border of an element to XYZ 44.9085, 25.8445, 11.6384 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, 66, 87) }
```


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

```
.border{ border-color:rgb(255, 66, 87) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9085, 25.8445, 11.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 87) }
```

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

```
.background{ background-color: rgb(255, 66,  
87) }
```

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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