

Converting Colors

XYZ(45.0958, 26.1596, 11.8842)

Have a look what the booklet for
XYZ(45.0958, 26.1596, 11.8842)
contains.

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Color

**XYZ(45.1296, 26.2208,
11.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4558
RGB	255, 69, 88
RGB Percent	100%, 27%, 35%
CMY	0.0000, 0.7294, 0.6549
CMYK	0.00, 0.73, 0.65, 0.00
HSL	354°, 100%, 64%
HSV	354°, 73%, 100%
XYZ	45.1296, 26.2208, 11.9151
YIQ	126.7800, 104.7570, 45.3410

Conversions

Conversions Part 2

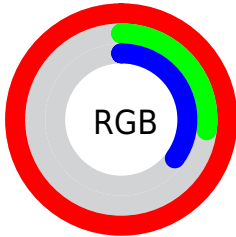
Format	Color
R_{YB}	255, 69, 88
Decimal	16729432
CIE _{Lab}	58.25, 70.05, 32.35
CIE _{LCh}	58, 77.154, 24.788
Yxy	26.2208, 0.5420, 0.3149
Android (android.graphics.Color)	4294919512 (0xFFFF4558)
YUV	126.7800, -19.1185, 112.4489
Hunter-Lab	51.2062, 67.7065, 22.0483

Details

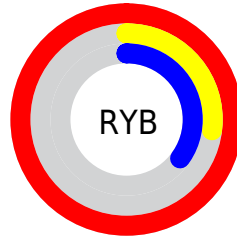
The XYZ color **45.1296, 26.2208, 11.9151** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **53.3570, 78.8421, 91.7716**, and the grayscale version is **20.1374, 21.1861, 23.0717**.

A 20% lighter version of the original color is **53.8101, 39.0602, 28.7480**, and **21.9219, 11.2508, 3.3017** is the 20% darker color. If you saturate the color by 10%, you get **43.0796, 23.4081, 7.2645**, and if you desaturate by 10%, it is **48.1519, 30.5023, 18.3590**.

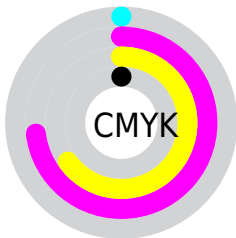
Distribution



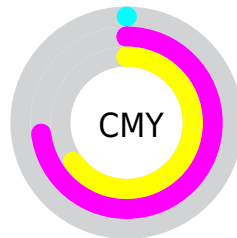
- Red (100%)
- Green (27%)
- Blue (35%)



- Red (100%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (73%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1296, 26.2208, 11.9151 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 45.1296, 26.2208, 11.9151 by changing the saturation by 10% instead.


 45.1296, 26.2208,
11.9151


 45.1296, 26.2208,
11.9151


358.0731,
283.8643, 214.8003


 31.7612, 16.9889,
6.5641


 82.1507, 53.6309,
30.0025

 21.3339, 10.2266,
3.1167


 106.5342, 72.5780,
43.5759


 13.4821, 5.5494,
1.1545


 135.3201, 95.5321,
60.7271

 7.8406, 2.5731,
0.0000

 168.8737,
122.8779, 81.8748

 4.0441, 0.9132,
0.0000

 207.5605,
154.9996, 107.4374

 1.7271, 0.0000,
0.0000

251.7457,

 0.4731, 0.0000,

192.2816, 137.8335

0.0000

301.7948,
235.1084, 173.4816

■ 0.0000, 0.0000,
0.0000

■ 45.1296, 26.2208,
11.9151

■ 45.1296, 26.2208,
11.9151

■ 43.0796, 23.4081,
7.2645

■ 48.1519, 30.5023,
18.3590

■ 41.8780, 21.8616,
4.2225


■ 52.2466, 36.4115,
26.7534


■ 41.4266, 21.3346,
2.9138

■ 57.5032, 44.0916,
37.2398

■ 64.0014, 53.6691,
49.9458

■ 71.8137, 65.2587,
64.9892

 81.0071, 78.9663,
82.4791

 91.6439, 94.8900,
102.5179

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.



47.5274, 26.2208, 33.5010



45.1296, 26.2208, 11.9151



36.8272, 26.2208, 3.7332

Triad

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



45.1296, 26.2208, 11.9151



12.9055, 26.2208, 7.9303



23.3202, 26.2208, 116.9902

Complementary

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



45.1296, 26.2208, 11.9151



53.3570, 78.8421, 91.7716

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.



15.9065, 26.2208, 94.9056



45.1296, 26.2208, 11.9151



10.9363, 26.2208, 24.1126

Square

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



45.1296, 26.2208, 11.9151



18.1030, 26.2208, 2.6507



11.8781, 26.2208, 56.1233



33.2690, 26.2208, 105.7387

Rectangle

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



45.1296, 26.2208, 11.9151



29.9573, 26.2208, 2.0911



11.8781, 26.2208, 56.1233



20.4853, 26.2208, 112.9524

Sweetspot

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



45.1302, 26.2223, 11.9155



72.6149, 66.4506, 66.5211



53.8815, 28.8522, 97.3364



15.0530, 13.4951, 13.3011



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.



45.1302, 26.2223, 11.9155



42.3740, 22.4810, 5.5358



51.7375, 40.5360, 10.7297



18.0847, 18.0172, 19.0633



21.6709, 11.1576, 1.6513



2.1338, 1.0959, 0.2860

Inverse Universe

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



45.1302, 26.2223, 11.9155



42.3740, 22.4810, 5.5358



37.5843, 42.6441, 100.8575



18.0847, 18.0172, 19.0633



21.6709, 11.1576, 1.6513



2.1338, 1.0959, 0.2860

Previews

White Background



This preview shows how the XYZ color 45.1296, 26.2208, 11.9151 looks on a white background.

Color Contrast Check

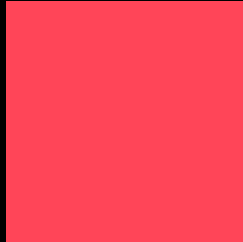
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.1296, 26.2208, 11.9151 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 45.1296, 26.2208, 11.9151

Background



This preview shows how black text looks on a background with the XYZ color 45.1296, 26.2208, 11.9151.



This preview shows how white text looks on a background with the XYZ color 45.1296, 26.2208,

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

45.1296, 26.2208, 11.9151

Protanopia

24.8017, 26.3364, 20.6059

Deuteranopia

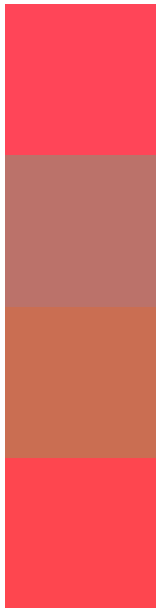
26.6948, 26.2582, 10.8691



Tritanopia

44.3623, 26.0717, 9.1728

Trichromacy



Original Color

45.1296, 26.2208, 11.9151

Protanomaly

29.1123, 23.6400, 16.6643

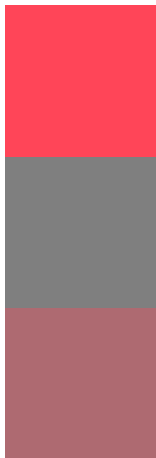
Deuteranomaly

31.4560, 24.3176, 11.0185

Tritanomaly

44.4745, 26.0157, 10.0746

Monochromacy



Original Color

45.1296, 26.2208, 11.9151

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.5902, 20.4990, 18.2307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1296, 26.2208, 11.9151 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, 69, 88)` looks like.

```
.text, #text, p{  
  color:rgb(255, 69, 88)  
}
```

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, 69, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 88) }
```

Border

The CSS property to change the border of an element to XYZ 45.1296, 26.2208, 11.9151 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, 69, 88) }
```


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

```
.border{ border-color:rgb(255, 69, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1296, 26.2208, 11.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 88) }
```

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

```
.background{ background-color: rgb(255, 69,  
88) }
```

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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