

Converting Colors

XYZ(57.3158, 31.5798, 13.8972)

Have a look what the booklet for
XYZ(57.3158, 31.5798, 13.8972)
contains.

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Color

**XYZ(44.8186, 25.1123,
13.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3A5F
RGB	255, 58, 95
RGB Percent	100%, 23%, 37%
CMY	0.0000, 0.7725, 0.6274
CMYK	0.00, 0.77, 0.63, 0.00
HSL	349°, 100%, 61%
HSV	349°, 77%, 100%
XYZ	44.8186, 25.1123, 13.3114
YIQ	121.1210, 105.5350, 53.2710

Conversions

Conversions Part 2

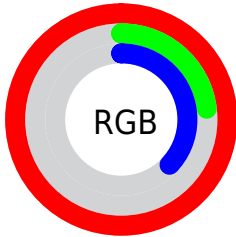
Format	Color
R_{YB}	255, 58, 95
Decimal	16726623
CIE _{Lab}	57.18, 73.72, 26.92
CIE _{LCh}	57, 78.483, 20.059
Yxy	25.1123, 0.5384, 0.3017
Android (android.graphics.Color)	4294916703 (0xFFFF3A5F)
YUV	121.1210, -12.8777, 117.4119
Hunter-Lab	50.1122, 71.9479, 19.3292

Details

The XYZ color **44.8186, 25.1123, 13.3114** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **50.1624, 77.4823, 78.6514**, and the grayscale version is **18.2316, 19.1811, 20.8882**.

A 20% lighter version of the original color is **53.3104, 37.2234, 31.1631**, and **22.0402, 11.2981, 3.9248** is the 20% darker color. If you saturate the color by 10%, you get **43.0161, 22.8192, 8.6669**, and if you desaturate by 10%, it is **47.5083, 28.7799, 19.4866**.

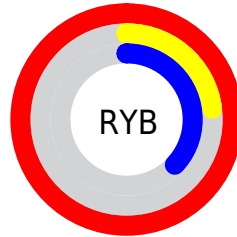
Distribution



Red (100%)

Green (23%)

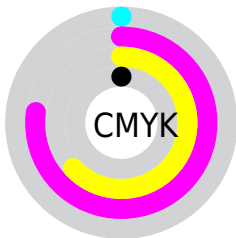
Blue (37%)



Red (100%)

Yellow (23%)

Blue (37%)

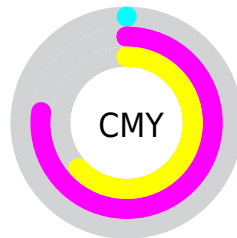


Cyan (0%)

Magenta (77%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8186, 25.1123, 13.3114 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 44.8186, 25.1123, 13.3114 by changing the saturation by 10% instead.


 44.8186, 25.1123,
13.3114


 44.8186, 25.1123,
13.3114

356.8345,
278.3967, 224.1813


 31.5152, 16.1607,
7.5101


 81.6869, 51.8393,
32.5615


 21.1452, 9.6380,
3.6999


 105.9825, 70.3836,
46.8473


 13.3433, 5.1596,
1.4622


 134.6729, 92.8943,
64.7983

 7.7440, 2.3412,
0.1895


 168.1235,
119.7557, 86.8332

 3.9820, 0.7954,
0.0000

 206.6996,
151.3522, 113.3704

 1.6919, 0.0000,
0.0000

250.7665,

 0.4512, 0.0000,

188.0683, 144.8284

0.0000

300.6897,
230.2884, 181.6259

■ 0.0000, 0.0000,
0.0000

■ 44.8186, 25.1123,
13.3114

■ 44.8186, 25.1123,
13.3114

■ 43.0161, 22.8192,
8.6669

■ 47.5083, 28.7799,
19.4866

■ 41.9719, 21.6746,
5.4095

■ 51.1843, 33.9901,
27.3142

■ 41.7708, 21.4723,
4.7261

■ 55.9338, 40.8919,
36.9045

■ 61.8340, 49.6151,
48.3578

■ 68.9547, 60.2770,
61.7665

77.3600, 72.9849,
77.2169

87.1098, 87.8383,
94.7902

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.



46.0676, 25.1123, 37.1311



44.8186, 25.1123, 13.3114



37.2300, 25.1123, 3.9143

Triad

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



44.8186, 25.1123, 13.3114



12.6494, 25.1123, 5.9262



20.9231, 25.1123, 114.6745

Complementary

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



44.8186, 25.1123, 13.3114



50.1624, 77.4823, 78.6514

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.



14.1607, 25.1123, 88.0810



44.8186, 25.1123, 13.3114



10.2698, 25.1123, 19.4467

Square

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



44.8186, 25.1123, 13.3114



18.2648, 25.1123, 1.9648



10.7402, 25.1123, 48.8409



30.5150, 25.1123, 108.7244

Rectangle

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



44.8186, 25.1123, 13.3114



30.4747, 25.1123, 1.9586



10.7402, 25.1123, 48.8409



18.2935, 25.1123, 108.8139

Sweetspot

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



44.8192, 25.1138, 13.3118



72.3658, 65.4207, 68.0771



47.7654, 24.7861, 96.8739



14.8653, 13.0616, 13.4178



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.



44.8192, 25.1138, 13.3118



42.3337, 22.0397, 6.6346



48.3781, 34.3139, 8.0785



18.1487, 18.0428, 19.4001



21.8658, 11.2356, 2.6780



2.1643, 1.1081, 0.4467

Inverse Universe

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



44.8192, 25.1138, 13.3118



42.3337, 22.0397, 6.6346



39.5141, 47.5566, 101.7040



18.1487, 18.0428, 19.4001



21.8658, 11.2356, 2.6780



2.1643, 1.1081, 0.4467

Previews

White Background



This preview shows how the XYZ color 44.8186, 25.1123, 13.3114 looks on a white background.

Color Contrast Check

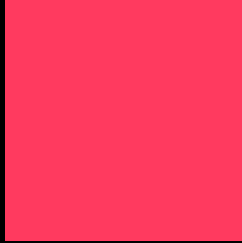
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.8186, 25.1123, 13.3114 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 44.8186, 25.1123, 13.3114

Background



This preview shows how black text looks on a background with the XYZ color 44.8186, 25.1123, 13.3114.



This preview shows how white text looks on a background with the XYZ color 44.8186, 25.1123,

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

44.8186, 25.1123, 13.3114

Protanopia

24.0634, 25.2271, 24.3699

Deuteranopia

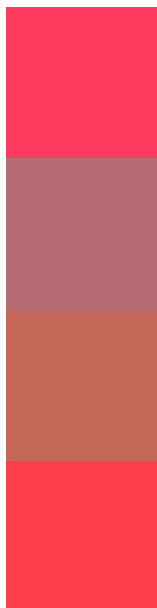
25.4819, 24.9955, 12.0759



Tritanopia

43.6898, 25.1310, 7.7023

Trichromacy



Original Color

44.8186, 25.1123, 13.3114

Protanomaly

28.1019, 22.0768, 19.6097

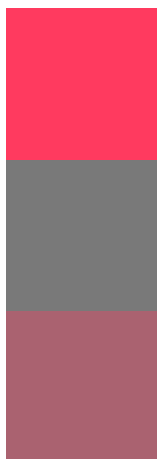
Deuteranomaly

30.0422, 22.6277, 12.2354

Tritanomaly

43.9352, 25.0519, 9.5410

Monochromacy



Original Color

44.8186, 25.1123, 13.3114

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.8699, 18.4513, 17.6326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8186, 25.1123, 13.3114 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, 58, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 95)  
}
```

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, 58, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 95) }
```

Border

The CSS property to change the border of an element to XYZ 44.8186, 25.1123, 13.3114 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, 58, 95) }
```


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

```
.border{ border-color:rgb(255, 58, 95) }
```

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

Here you see how a box with a 4 pixel rgb(255, 58, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8186, 25.1123, 13.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 95) }
```

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

```
.background{ background-color: rgb(255, 58,  
95) }
```

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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