

Converting Colors

XYZ(44.4996, 27.5433, 12.7477)

Have a look what the booklet for
XYZ(44.4996, 27.5433, 12.7477)
contains.

| | |
|--|----|
| XYZ(44.5183, 27.5592, 12.6459) | 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(44.5183, 27.5592,
12.6459)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FA555A |
| RGB | 250, 85, 90 |
| RGB Percent | 98%, 33%, 35% |
| CMY | 0.0196, 0.6666, 0.6471 |
| CMYK | 0.00, 0.66, 0.64, 0.02 |
| HSL | 358°, 94%, 66% |
| HSV | 358°, 66%, 98% |
| XYZ | 44.5183, 27.5592, 12.6459 |
| YIQ | 134.9050, 96.7350, 36.5350 |

Conversions

Conversions Part 2

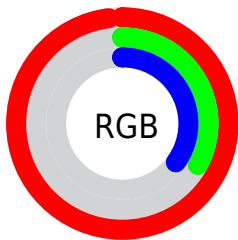
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 250, 85, 90 |
| Decimal | 16405850 |
| CIE _{Lab} | 59.49, 62.92, 32.57 |
| CIE _{LCh} | 59, 70.852, 27.369 |
| Yxy | 27.5592, 0.5255, 0.3253 |
| Android (android.graphics.Color) | 4294595930 (0xFFFA555A) |
| YUV | 134.9050, -22.1382, 100.9383 |
| Hunter-Lab | 52.4969, 59.5018, 22.4655 |

Details

The XYZ color **44.5183, 27.5592, 12.6459** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **54.4156, 76.8958, 98.3683**, and the grayscale version is **23.0497, 24.2501, 26.4083**.

A 20% lighter version of the original color is **55.6466, 42.4995, 30.0813**, and **21.0796, 11.0096, 3.3969** is the 20% darker color. If you saturate the color by 10%, you get **42.0167, 23.9472, 7.5245**, and if you desaturate by 10%, it is **48.0524, 32.6985, 19.7714**.

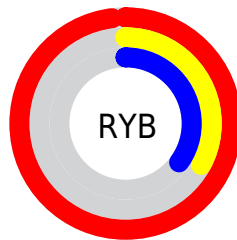
Distribution



Red (98%)

Green (33%)

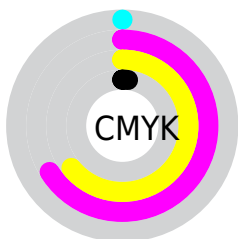
Blue (35%)



Red (98%)

Yellow (33%)

Blue (35%)

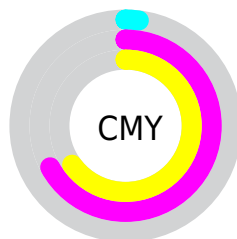


Cyan (0%)

Magenta (66%)

Yellow (64%)

Black (2%)



Cyan (2%)


Magenta (67%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5183, 27.5592, 12.6459 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 44.5183, 27.5592, 12.6459 by changing the saturation by 10% instead.


 44.5183, 27.5592,
12.6459


 44.5183, 27.5592,
12.6459


355.6357,
290.3546, 219.7632


 31.2778, 17.9936,
7.0573


 81.2386, 55.7799,
31.3479

 20.9634, 10.9454,
3.4190


 105.4492, 75.2039,
45.2985


 13.2095, 6.0301,
1.3123


 134.0472, 98.6827,
62.8735

 7.6510, 2.8634,
0.0719

 167.3979,
126.6009, 84.4913

 3.9224, 1.0608,
0.0000

 205.8668,
159.3428, 110.5707

 1.6583, 0.0000,
0.0000

249.8192,

 0.4300, 0.0000,

197.2927, 141.5301

0.0000

299.6204,
240.8352, 177.7881

■ 0.0000, 0.0000,
0.0000

■ 44.5183, 27.5592,
12.6459

■ 44.5183, 27.5592,
12.6459

■ 42.0167, 23.9472,
7.5245

■ 48.0524, 32.6985,
19.7714

■ 40.4347, 21.6903,
4.2005

■ 52.7125, 39.5040,
29.0773

■ 39.6361, 20.5825,
2.4252

■ 58.5836, 48.1039,
40.7219

■ 39.4655, 20.3404,
2.0631

■ 65.7424, 58.6131,
54.8487

■ 74.2588, 71.1365,
71.5895

84.1980, 85.7715,
91.0669

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



47.2755, 27.5592, 32.3132



44.5183, 27.5592, 12.6459



36.5469, 27.5592, 4.7657

Triad

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



44.5183, 27.5592, 12.6459



14.2646, 27.5592, 10.5800



25.4166, 27.5592, 110.4094

Complementary

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



44.5183, 27.5592, 12.6459



54.4156, 76.8958, 98.3683

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.



18.0083, 27.5592, 93.0911



44.5183, 27.5592, 12.6459



12.5493, 27.5592, 27.8137

Square

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



44.5183, 27.5592, 12.6459



19.0888, 27.5592, 4.1360



13.7473, 27.5592, 58.6453



34.8746, 27.5592, 97.9580

Rectangle

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



44.5183, 27.5592, 12.6459



30.1169, 27.5592, 3.0915



13.7473, 27.5592, 58.6453



22.6278, 27.5592, 107.7279

Sweetspot

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



44.5189, 27.5608, 12.6463



73.9179, 68.8798, 67.5007



57.9864, 32.7234, 93.7020



15.2889, 13.9600, 13.4008



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.



44.5189, 27.5608, 12.6463



43.3445, 24.1791, 6.6081



53.9855, 46.8225, 14.7889



17.2659, 17.2337, 17.9899



20.9432, 10.7930, 1.1433



1.9469, 1.0025, 0.1440

Inverse Universe

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



44.5189, 27.5608, 12.6463



43.3445, 24.1791, 6.6081



35.9470, 38.7228, 96.0216



17.2659, 17.2337, 17.9899



20.9432, 10.7930, 1.1433



1.9469, 1.0025, 0.1440

Previews

White Background



This preview shows how the XYZ color 44.5183, 27.5592, 12.6459 looks on a white background.

Color Contrast Check

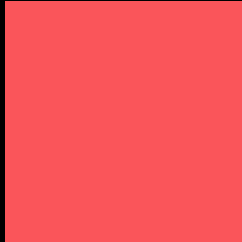
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.5183, 27.5592, 12.6459 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 44.5183, 27.5592, 12.6459

Background



This preview shows how black text looks on a background with the XYZ color 44.5183, 27.5592, 12.6459.



This preview shows how white text looks on a background with the XYZ color 44.5183, 27.5592,

12.6459.

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

44.5183, 27.5592, 12.6459

Protanopia

25.9966, 27.6321, 19.8830

Deuteranopia

28.1101, 27.5994, 11.6302



Tritanopia

44.5183, 27.5592, 12.6459

Trichromacy



Original Color

44.5183, 27.5592, 12.6459

Protanomaly

30.2484, 25.6304, 16.7175

Deuteranomaly

32.4358, 26.1535, 11.7261

Tritanomaly

44.5183, 27.5592, 12.6459

Monochromacy



Original Color

44.5183, 27.5592, 12.6459

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.8225, 23.4016, 20.5033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5183, 27.5592, 12.6459 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(250, 85, 90)` looks like.

```
.text, #text, p{  
    color:rgb(250, 85, 90)  
}
```

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(250, 85, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 85, 90) }
```

Border

The CSS property to change the border of an element to XYZ 44.5183, 27.5592, 12.6459 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(250, 85, 90) }
```


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

```
.border{ border-color:rgb(250, 85, 90) }
```

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

Here you see how a box with a 4 pixel rgb(250, 85, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 85, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 85, 90);  
box-shadow:4px 4px 4px 4px rgb(250, 85,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5183, 27.5592, 12.6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 85, 90) }
```

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

```
.background{ background-color: rgb(250, 85,  
90) }
```

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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