

Converting Colors

XYZ(44.5004, 29.4949, 15.4981)

Have a look what the booklet for
XYZ(44.5004, 29.4949, 15.4981)
contains.

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Color

**XYZ(44.5136, 29.4469,
15.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	F56464
RGB	245, 100, 100
RGB Percent	96%, 39%, 39%
CMY	0.0392, 0.6078, 0.6078
CMYK	0.00, 0.59, 0.59, 0.04
HSL	0°, 88%, 68%
HSV	0°, 59%, 96%
XYZ	44.5136, 29.4469, 15.3943
YIQ	143.3550, 86.4200, 30.7400

Conversions

Conversions Part 2

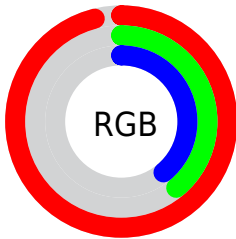
Format	Color
R _Y B	245, 100, 100
Decimal	16082020
CIE Lab	61.17, 55.64, 28.87
CIE LCh	61, 62.685, 27.421
Yxy	29.4469, 0.4982, 0.3296
Android (android.graphics.Color)	4294272100 (0xFFFF56464)
YUV	143.3550, -21.3740, 89.1427
Hunter-Lab	54.2650, 51.4599, 21.1657

Details

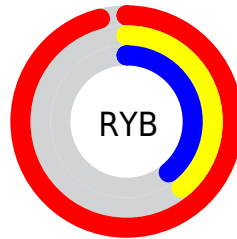
The XYZ color **44.5136, 29.4469, 15.3943** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.3868, 74.6016, 97.9188**, and the grayscale version is **26.3101, 27.6803, 30.1438**.

A 20% lighter version of the original color is **58.7144, 47.2713, 35.3078**, and **20.9990, 11.9802, 4.5738** is the 20% darker color. If you saturate the color by 10%, you get **41.4940, 25.0289, 9.3910**, and if you desaturate by 10%, it is **48.5973, 35.4231, 23.5113**.

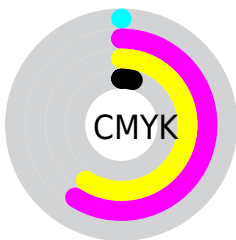
Distribution



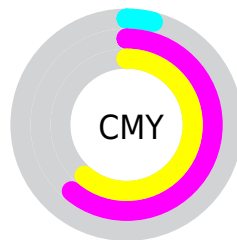
- Red (96%)
- Green (39%)
- Blue (39%)



- Red (96%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (59%)
- Yellow (59%)
- Black (4%)





- Cyan (4%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5136, 29.4469, 15.3943 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 44.5136, 29.4469, 15.3943 by changing the saturation by 10% instead.


 44.5136, 29.4469,
15.3943


 44.5136, 29.4469,
15.3943


355.6170,
299.3178, 237.4630

 31.2741, 19.4192,
8.9469


 81.2316, 58.7864,
36.2955


 20.9605, 11.9735,
4.6102


 105.4408, 78.8669,
51.5863

 13.2074, 6.7257,
1.9657


 134.0374,
103.0671, 70.6620

 7.6495, 3.2911,
0.5341

 167.3866,
131.7715, 93.9412

 3.9214, 1.2855,
0.0000

205.8538,
165.3643, 121.8423

 1.6578, 0.1300,
0.0000

249.8043,

 0.4296, 0.0000,

204.2300, 154.7840

0.0000

299.6036,
248.7530, 193.1847

■ 0.0000, 0.0000,
0.0000

■ 44.5136, 29.4469,
15.3943

■ 44.5136, 29.4469,
15.3943

■ 41.4940, 25.0289,
9.3910

■ 48.5973, 35.4231,
23.5113

■ 39.4379, 22.0201,
5.3038

■ 53.8293, 43.0791,
33.9121

■ 38.2290, 20.2509,
2.9008

■ 60.2879, 52.5300,
46.7515

■ 37.6888, 19.4605,
1.8273

■ 68.0439, 63.8793,
62.1701

■ 37.6561, 19.4127,
1.7623

■ 77.1628, 77.2227,
80.2981

87.7055, 92.6496,
101.2568

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



46.9573, 29.4469, 34.1454



44.5136, 29.4469, 15.3943



37.4021, 29.4469, 7.0308

Triad

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



44.5136, 29.4469, 15.3943



16.6606, 29.4469, 13.3286



27.2824, 29.4469, 101.9786

Complementary

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



44.5136, 29.4469, 15.3943



54.3868, 74.6016, 97.9188

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.



20.3037, 29.4469, 87.4112



44.5136, 29.4469, 15.3943



14.9707, 29.4469, 30.0664

Square

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



44.5136, 29.4469, 15.3943



21.3158, 29.4469, 6.3150



16.1618, 29.4469, 57.7861



35.9257, 29.4469, 91.4515

Rectangle

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



44.5136, 29.4469, 15.3943



31.5777, 29.4469, 5.0544



16.1618, 29.4469, 57.7861



24.6819, 29.4469, 99.7419

Sweetspot

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



44.5143, 29.4485, 15.3948



75.5866, 71.5196, 70.2074



58.6946, 35.1194, 90.0709



15.6055, 14.4695, 13.8879



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.



44.5143, 29.4485, 15.3948



44.9204, 26.6459, 9.2453



54.8042, 50.0283, 18.8248



16.4993, 16.4827, 17.1094



20.2863, 10.4581, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



54.3868, 74.6016, 97.9188



56.6270, 80.1876, 107.1009



36.5849, 38.9977, 91.9848



16.9967, 18.7577, 21.2673



26.4673, 38.7283, 52.6184



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 44.5136, 29.4469, 15.3943 looks on a white background.

Color Contrast Check

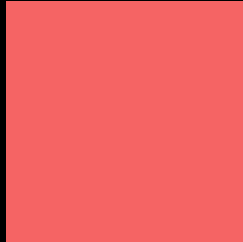
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.5136, 29.4469, 15.3943 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 44.5136, 29.4469, 15.3943

Background



This preview shows how black text looks on a background with the XYZ color 44.5136, 29.4469, 15.3943.



This preview shows how white text looks on a background with the XYZ color 44.5136, 29.4469,

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

44.5136, 29.4469, 15.3943

Protanopia

27.9457, 29.7284, 22.3544

Deuteranopia

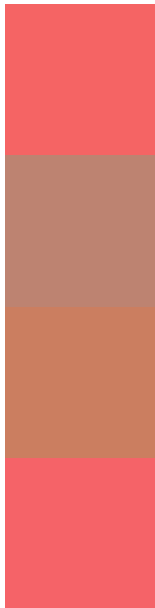
30.0911, 29.4238, 14.4493



Tritanopia

44.7195, 29.3768, 16.9490

Trichromacy



Original Color

44.5136, 29.4469, 15.3943

Protanomaly

32.0832, 28.2437, 19.3834

Deuteranomaly

34.2008, 28.4627, 14.7576

Tritanomaly

44.6167, 29.3356, 16.4075

Monochromacy



Original Color

44.5136, 29.4469, 15.3943

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.2425, 26.4143, 23.5832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5136, 29.4469, 15.3943 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(245, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(245, 100, 100)  
}
```

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(245, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 100, 100) }
```

Border

The CSS property to change the border of an element to XYZ 44.5136, 29.4469, 15.3943 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(245, 100, 100) }
```


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

```
.border{ border-color:rgb(245, 100, 100) }
```

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

Here you see how a box with a 4 pixel rgb(245, 100, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(245, 100,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5136, 29.4469, 15.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 100, 100) }
```

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

```
.background{ background-color: rgb(245,  
100, 100) }
```

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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