

Converting Colors

XYZ(43.4915, 25.8276, 13.0489)

Have a look what the booklet for
XYZ(43.4915, 25.8276, 13.0489)
contains.

XYZ(43.4915, 25.8276, 13.0489)	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(43.4915, 25.8276,
13.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	F94A5D
RGB	249, 74, 93
RGB Percent	98%, 29%, 36%
CMY	0.0235, 0.7098, 0.6353
CMYK	0.00, 0.70, 0.63, 0.02
HSL	353°, 94%, 63%
HSV	353°, 70%, 98%
XYZ	43.4915, 25.8276, 13.0489
YIQ	128.4910, 98.2010, 43.0090

Conversions

Conversions Part 2

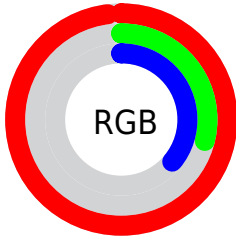
Format	Color
R_{YB}	249, 74, 93
Decimal	16337501
CIE Lab	57.87, 66.88, 28.76
CIE LCh	58, 72.798, 23.272
Yxy	25.8276, 0.5280, 0.3136
Android (android.graphics.Color)	4294527581 (0xFFF94A5D)
YUV	128.4910, -17.4971, 105.6864
Hunter-Lab	50.8209, 63.8203, 20.3511

Details

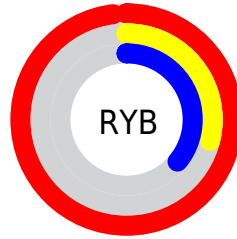
The XYZ color **43.4915, 25.8276, 13.0489** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **50.9849, 74.9211, 86.6448**, and the grayscale version is **20.7251, 21.8044, 23.7450**.

A 20% lighter version of the original color is **54.5855, 40.0182, 30.8339**, and **20.5207, 10.5195, 3.6382** is the 20% darker color. If you saturate the color by 10%, you get **41.3007, 22.7980, 8.1518**, and if you desaturate by 10%, it is **46.6262, 30.2890, 19.6685**.

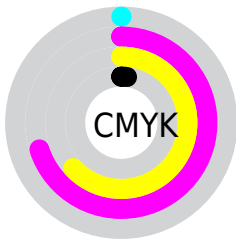
Distribution



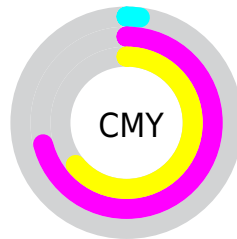
- Red (98%)
- Green (29%)
- Blue (36%)



- Red (98%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (70%)
- Yellow (63%)
- Black (2%)





- Cyan (2%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4915, 25.8276, 13.0489 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 43.4915, 25.8276, 13.0489 by changing the saturation by 10% instead.


 43.4915, 25.8276,
13.0489


 43.4915, 25.8276,
13.0489


351.5165,
281.9348, 222.4496


 30.4671, 16.6947,
7.3311

 79.7031, 52.9967,
32.0841

 20.3433, 10.0171,
3.5885


 103.6211, 71.8017,
46.2385


 12.7545, 5.4103,
1.4024


 131.9010, 94.5995,
64.0423

 7.3356, 2.4899,
0.1436

 164.9081,
121.7745, 85.9139

 3.7210, 0.8716,
0.0000

 203.0079,
153.7112, 112.2719

 1.5455, 0.0000,
0.0000

246.5657,

 0.3565, 0.0000,

190.7938, 143.5349

0.0000

295.9467,
233.4069, 180.1212

■ 0.0000, 0.0000,
0.0000

■ 43.4915, 25.8276,
13.0489

■ 43.4915, 25.8276,
13.0489

■ 41.3007, 22.7980,
8.1518

■ 46.6262, 30.2890,
19.6685

■ 39.9438, 21.0201,
4.8142


■ 50.7947, 36.3253,
28.1506


■ 39.2648, 20.2189,
2.8713


■ 56.0783, 44.0673,
38.6222

■ 62.5499, 53.6307,
51.1986

■ 70.2759, 65.1212,
65.9863

 79.3178, 78.6365,
83.0848

 89.7332, 94.2674,
102.5873

 92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



45.3533, 25.8276, 34.1583



43.4915, 25.8276, 13.0489



36.0567, 25.8276, 4.4752

Triad

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



43.4915, 25.8276, 13.0489



13.3755, 25.8276, 8.0187



22.6280, 25.8276, 108.3353

Complementary

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



43.4915, 25.8276, 13.0489



50.9849, 74.9211, 86.6448

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.



15.7933, 25.8276, 87.1767



43.4915, 25.8276, 13.0489



11.3365, 25.8276, 22.8421

Square

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



43.4915, 25.8276, 13.0489



18.4790, 25.8276, 3.0127



12.1022, 25.8276, 51.7990



31.8195, 25.8276, 99.7482

Rectangle

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



43.4915, 25.8276, 13.0489



29.7206, 25.8276, 2.6078



12.1022, 25.8276, 51.7990



20.0140, 25.8276, 104.1906

Sweetspot

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



43.4921, 25.8291, 13.0493



73.5261, 67.7612, 68.4029



51.7290, 28.3284, 92.3636



15.2319, 13.7504, 13.6767



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.



43.4921, 25.8291, 13.0493



42.9527, 23.2027, 7.0718



49.8414, 39.7106, 11.5186



17.3212, 17.2558, 18.2810



21.0425, 10.8327, 1.6662



1.9732, 1.0130, 0.2822

Inverse Universe

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



43.4921, 25.8291, 13.0493



42.9527, 23.2027, 7.0718



36.6355, 41.7193, 95.7438



17.3212, 17.2558, 18.2810



21.0425, 10.8327, 1.6662



1.9732, 1.0130, 0.2822

Previews

White Background



This preview shows how the XYZ color 43.4915, 25.8276, 13.0489 looks on a white background.

Color Contrast Check

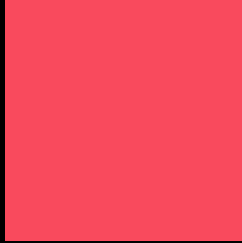
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4915, 25.8276, 13.0489 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 43.4915, 25.8276, 13.0489

Background



This preview shows how black text looks on a background with the XYZ color 43.4915, 25.8276, 13.0489.



This preview shows how white text looks on a background with the XYZ color 43.4915, 25.8276,

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

43.4915, 25.8276, 13.0489

Protanopia

24.5379, 25.9567, 21.8060

Deuteranopia

26.3499, 25.8502, 11.9883



Tritanopia

42.7438, 25.7045, 10.2980

Trichromacy



Original Color

43.4915, 25.8276, 13.0489

Protanomaly

28.5284, 23.4764, 18.0667

Deuteranomaly

30.8032, 24.2822, 12.0803

Tritanomaly

42.8672, 25.6445, 11.2849

Monochromacy



Original Color

43.4915, 25.8276, 13.0489

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.4703, 20.7336, 18.8792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4915, 25.8276, 13.0489 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(249, 74, 93)` looks like.

```
.text, #text, p{  
    color:rgb(249, 74, 93)  
}
```

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(249, 74, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 74, 93) }
```

Border

The CSS property to change the border of an element to XYZ 43.4915, 25.8276, 13.0489 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(249, 74, 93) }
```


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

```
.border{ border-color:rgb(249, 74, 93) }
```

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

Here you see how a box with a 4 pixel rgb(249, 74, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 74, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 74, 93);  
box-shadow:4px 4px 4px 4px rgb(249, 74,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4915, 25.8276, 13.0489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 74, 93) }
```

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

```
.background{ background-color: rgb(249, 74,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor