

Converting Colors

XYZ(42.5346, 25.6041, 9.2498)

Have a look what the booklet for
XYZ(42.5346, 25.6041, 9.2498)
contains.

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Color

**XYZ(42.5319, 25.6198,
9.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	F84C4A
RGB	248, 76, 74
RGB Percent	97%, 30%, 29%
CMY	0.0275, 0.7019, 0.7098
CMYK	0.00, 0.69, 0.70, 0.03
HSL	1°, 93%, 63%
HSV	1°, 70%, 97%
XYZ	42.5319, 25.6198, 9.1820
YIQ	127.2000, 103.1540, 35.8420

Conversions

Conversions Part 2

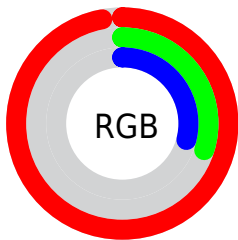
Format	Color
R_{YB}	248, 76, 74
Decimal	16272458
CIE Lab	57.67, 64.88, 39.32
CIE LCh	58, 75.862, 31.219
Yxy	25.6198, 0.5500, 0.3313
Android (android.graphics.Color)	4294462538 (0xFFF84C4A)
YUV	127.2000, -26.2276, 105.9416
Hunter-Lab	50.6160, 61.4130, 24.6757

Details

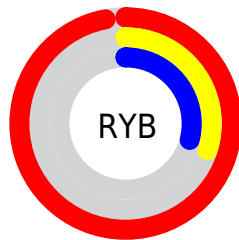
The XYZ color **42.5319, 25.6198, 9.1820** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **52.7194, 74.1374, 100.3377**, and the grayscale version is **20.3057, 21.3631, 23.2644**.

A 20% lighter version of the original color is **53.3402, 39.7403, 23.5982**, and **19.9889, 10.2791, 2.0929** is the 20% darker color. If you saturate the color by 10%, you get **40.4755, 22.5913, 5.1553**, and if you desaturate by 10%, it is **45.5615, 30.0688, 15.1570**.

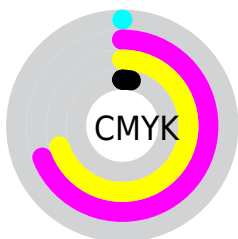
Distribution



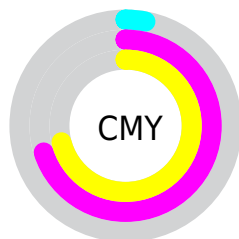
- Red (97%)
- Green (30%)
- Blue (29%)



- Red (97%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (69%)
- Yellow (70%)
- Black (3%)





- Cyan (3%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5319, 25.6198, 9.1820 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 42.5319, 25.6198, 9.1820 by changing the saturation by 10% instead.

 42.5319, 25.6198,
9.1820


 42.5319, 25.6198,
9.1820


347.6374,
280.9107, 194.9976


 29.7109, 16.5394,
4.7617


 78.2641, 52.6610,
24.8284


 19.7663, 9.9067,
2.0518


 101.9061, 71.3905,
36.8916


 12.3325, 5.3371,
0.5869

 129.8858, 94.1053,
52.3394

 7.0444, 2.4464,
0.0000

 162.5685,
121.1896, 71.5904

 3.5364, 0.8496,
0.0000

 200.3197,
153.0279, 95.0632

 1.4434, 0.0000,
0.0000

243.5047,

 0.2868, 0.0000,

190.0046, 123.1764

0.0000

292.4888,
232.5041, 156.3483

■ 0.0000, 0.0000,
0.0000

■ 42.5319, 25.6198,
9.1820

■ 42.5319, 25.6198,
9.1820

■ 40.4755, 22.5913,
5.1553

■ 45.5615, 30.0688,
15.1570

■ 39.2718, 20.8072,
2.8325


■ 49.6625, 36.0785,
23.2830


■ 38.7423, 20.0186,
1.8220


■ 54.9232, 43.7771,
33.7386

■ 61.4220, 53.2785,
46.6834

■ 69.2308, 64.6867,
62.2633

 78.4157, 78.0976,
80.6124

 89.0385, 93.6010,
101.8561

 92.5212, 98.6963,
108.7817

Harmonies

Analogous

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



46.2973, 25.6198, 26.8458



42.5319, 25.6198, 9.1820



33.7566, 25.6198, 3.0190

Triad

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



42.5319, 25.6198, 9.1820



12.0343, 25.6198, 10.0882



24.7240, 25.6198, 113.6380

Complementary

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



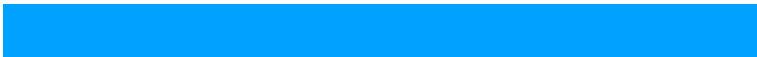
42.5319, 25.6198, 9.1820



52.7194, 74.1374, 100.3377

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.



16.8779, 25.6198, 98.6320



42.5319, 25.6198, 9.1820



10.7386, 25.6198, 28.9724

Square

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



42.5319, 25.6198, 9.1820



16.3793, 25.6198, 3.2670



12.2678, 25.6198, 62.6469



34.5623, 25.6198, 96.1849

Rectangle

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



42.5319, 25.6198, 9.1820



27.1133, 25.6198, 1.9194



12.2678, 25.6198, 62.6469



21.7827, 25.6198, 112.1789

Sweetspot

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



42.5325, 25.6213, 9.1824



72.9724, 67.7717, 64.7715



58.1032, 31.6313, 91.8494



15.1034, 13.7527, 12.8345



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.



42.5325, 25.6213, 9.1824



42.5107, 23.1666, 4.3106



52.6921, 45.9405, 12.5689



17.2607, 17.2573, 17.8836



20.9356, 10.8278, 0.9866



1.9445, 1.0138, 0.0932

Inverse Universe

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



52.7194, 74.1374, 100.3377



53.9317, 77.6377, 106.7508



32.5121, 33.7229, 93.6020



17.7476, 19.5721, 22.2277



26.8212, 38.9979, 54.0873



2.4895, 3.6226, 5.0112

Previews

White Background



This preview shows how the XYZ color 42.5319, 25.6198, 9.1820 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 42.5319, 25.6198, 9.1820 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 42.5319, 25.6198, 9.1820

Background



This preview shows how black text looks on a background with the XYZ color 42.5319, 25.6198, 9.1820.



This preview shows how white text looks on a background with the XYZ color 42.5319, 25.6198,

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

42.5319, 25.6198, 9.1820

Protanopia

23.9216, 25.7938, 14.7842

Deuteranopia

26.1899, 25.6433, 8.4198



Tritanopia

42.6388, 25.5531, 10.0821

Trichromacy



Original Color

42.5319, 25.6198, 9.1820

Protanomaly

28.2565, 23.6345, 12.3051

Deuteranomaly

30.6570, 24.2851, 8.5405

Tritanomaly

42.5670, 25.5244, 9.7044

Monochromacy



Original Color

42.5319, 25.6198, 9.1820

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.8639, 20.4658, 16.8272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5319, 25.6198, 9.1820 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(248, 76, 74)` looks like.

```
.text, #text, p{  
    color:rgb(248, 76, 74)  
}
```

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(248, 76, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 76, 74) }
```

Border

The CSS property to change the border of an element to XYZ 42.5319, 25.6198, 9.1820 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(248, 76, 74) }
```


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

```
.border{ border-color:rgb(248, 76, 74) }
```

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

Here you see how a box with a 4 pixel rgb(248, 76, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 76, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 76, 74);  
box-shadow:4px 4px 4px 4px rgb(248, 76,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5319, 25.6198, 9.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 76, 74) }
```

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

```
.background{ background-color: rgb(248, 76,  
74) }
```

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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