

Converting Colors

XYZ(40.9540, 24.1366, 8.6312)

Have a look what the booklet for
XYZ(40.9540, 24.1366, 8.6312)
contains.

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Color

**XYZ(40.9540, 24.1366,
8.6312)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F54548 |
| RGB | 245, 69, 72 |
| RGB Percent | 96%, 27%, 28% |
| CMY | 0.0392, 0.7294, 0.7176 |
| CMYK | 0.00, 0.72, 0.71, 0.04 |
| HSL | 359°, 90%, 62% |
| HSV | 359°, 72%, 96% |
| XYZ | 40.9540, 24.1366, 8.6312 |
| YIQ | 121.9660, 103.9330, 38.2450 |

Conversions

Conversions Part 2

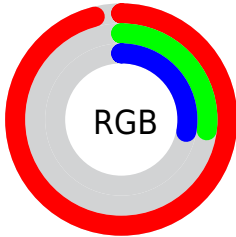
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 245, 69, 72 |
| Decimal | 16074056 |
| CIE _{Lab} | 56.22, 66.34, 38.61 |
| CIE _{LCh} | 56, 76.756, 30.200 |
| Yxy | 24.1366, 0.5555, 0.3274 |
| Android (android.graphics.Color) | 4294264136 (0xFFFF54548) |
| YUV | 121.9660, -24.6332, 107.9008 |
| Hunter-Lab | 49.1290, 62.8220, 23.9740 |

Details

The XYZ color **40.9540, 24.1366, 8.6312** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **51.1360, 72.9815, 95.4049**, and the grayscale version is **18.5433, 19.5090, 21.2453**.

A 20% lighter version of the original color is **52.4104, 38.0788, 22.6768**, and **19.2657, 9.9076, 1.9956** is the 20% darker color. If you saturate the color by 10%, you get **39.1076, 21.4649, 4.8692**, and if you desaturate by 10%, it is **43.7306, 28.1774, 14.2207**.

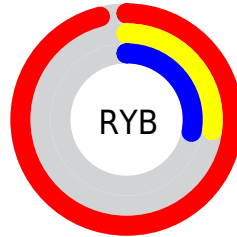
Distribution



Red (96%)

Green (27%)

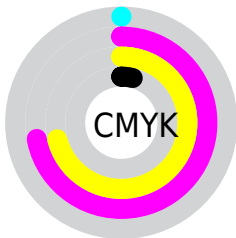
Blue (28%)



Red (96%)

Yellow (27%)

Blue (28%)

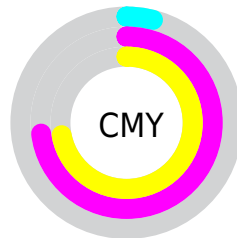


Cyan (0%)

Magenta (72%)

Yellow (71%)

Black (4%)



Cyan (4%)


Magenta (73%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9540, 24.1366, 8.6312 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 40.9540, 24.1366, 8.6312 by changing the saturation by 10% instead.


 40.9540, 24.1366,
8.6312


 40.9540, 24.1366,
8.6312

341.1942,
273.5104, 190.7180


 28.4707, 15.4350,
4.4079


 75.8892, 50.2530,
23.7531

 18.8230, 9.1252,
1.8517


 99.0718, 68.4366,
35.4889


 11.6457, 4.8230,
0.4617


 126.5515, 90.5496,
50.5658

 6.5734, 2.1438,
0.0000

 158.6936,
116.9765, 69.4026

 3.2407, 0.6891,
0.0000

 195.8636,
148.1016, 92.4176

 1.2823, 0.0000,
0.0000

238.4268,

 0.1699, 0.0000,

184.3094, 120.0295

0.0000

286.7486,
225.9842, 152.6568

■ 0.0000, 0.0000,
0.0000

■ 40.9540, 24.1366,
8.6312

■ 40.9540, 24.1366,
8.6312

■ 39.1076, 21.4649,
4.8692

■ 43.7306, 28.1774,
14.2207

■ 38.0694, 19.9784,
2.7048


■ 47.5362, 33.7323,
21.8285


■ 37.6787, 19.4215,
1.8823


■ 52.4587, 40.9325,
31.6228

■ 58.5762, 49.8940,
43.7536

■ 65.9597, 60.7222,
58.3579

 74.6749, 73.5143,
75.5620

 84.7827, 88.3608,
95.4838

 91.4659, 98.1523,
108.7323

Harmonies

Analogous

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



44.4375, 24.1366, 26.1112



40.9540, 24.1366, 8.6312



32.4497, 24.1366, 2.6443

Triad

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



40.9540, 24.1366, 8.6312



11.1419, 24.1366, 8.7720



23.0005, 24.1366, 110.9874

Complementary

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



40.9540, 24.1366, 8.6312



51.1360, 72.9815, 95.4049

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.



15.4992, 24.1366, 95.0307



40.9540, 24.1366, 8.6312



9.8122, 24.1366, 26.4508

Square

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



40.9540, 24.1366, 8.6312



15.4203, 24.1366, 2.6812



11.1785, 24.1366, 59.0893



32.5792, 24.1366, 94.6312

Rectangle

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



40.9540, 24.1366, 8.6312



25.9522, 24.1366, 1.5903



11.1785, 24.1366, 59.0893



20.1724, 24.1366, 109.1457

Sweetspot

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



40.9545, 24.1380, 8.6316



72.0485, 66.2241, 63.5384



54.2518, 29.2242, 89.1671



14.9226, 13.4430, 12.6140



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.



40.9545, 24.1380, 8.6316



42.2351, 22.6530, 4.1029



49.8196, 42.0204, 11.1172



16.5106, 16.4871, 17.1692



20.3035, 10.4648, 1.0406



1.7884, 0.9213, 0.1122

Inverse Universe

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



40.9545, 24.1380, 8.6316



42.2351, 22.6530, 4.1029



32.0110, 34.0072, 91.2625



16.5106, 16.4871, 17.1692



20.3035, 10.4648, 1.0406



1.7884, 0.9213, 0.1122

Previews

White Background



This preview shows how the XYZ color 40.9540, 24.1366, 8.6312 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 40.9540, 24.1366, 8.6312 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 40.9540, 24.1366, 8.6312

Background



This preview shows how black text looks on a background with the XYZ color 40.9540, 24.1366, 8.6312.



This preview shows how white text looks on a background with the XYZ color 40.9540, 24.1366,

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

40.9540, 24.1366, 8.6312

Protanopia

22.5836, 24.2652, 14.3198

Deuteranopia

24.6561, 24.2638, 7.9413



Tritanopia

40.9540, 24.1366, 8.6312

Trichromacy



Original Color

40.9540, 24.1366, 8.6312

Protanomaly

26.6961, 22.0021, 11.8566

Deuteranomaly

28.7467, 22.5108, 7.9842

Tritanomaly

40.9540, 24.1366, 8.6312

Monochromacy



Original Color

40.9540, 24.1366, 8.6312

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.2853, 18.9155, 15.5205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9540, 24.1366, 8.6312 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, 69, 72)` looks like.

```
.text, #text, p{  
  color:rgb(245, 69, 72)  
}
```

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, 69, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 69, 72) }
```

Border

The CSS property to change the border of an element to XYZ 40.9540, 24.1366, 8.6312 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, 69, 72) }
```


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

```
.border{ border-color:rgb(245, 69, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 69, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 69, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 69, 72);  
box-shadow:4px 4px 4px 4px rgb(245, 69,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9540, 24.1366, 8.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 69, 72) }
```

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

```
.background{ background-color: rgb(245, 69,  
72) }
```

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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