

Converting Colors

XYZ(43.2225, 24.4319, 5.0359)

Have a look what the booklet for
XYZ(43.2225, 24.4319, 5.0359)
contains.

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Color

**XYZ(43.1963, 24.3835,
5.0146)**

Conversions

Conversions Part 1

Format	Color
Hex	FF392E
RGB	255, 57, 46
RGB Percent	100%, 22%, 18%
CMY	0.0000, 0.7764, 0.8196
CMYK	0.00, 0.78, 0.82, 0.00
HSL	3°, 100%, 59%
HSV	3°, 82%, 100%
XYZ	43.1963, 24.3835, 5.0146
YIQ	114.9480, 121.5390, 38.5550

Conversions

Conversions Part 2

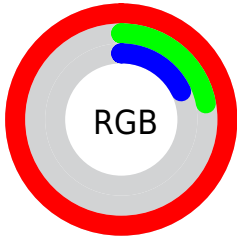
Format	Color
R _Y B	255, 58, 46
Decimal	16726318
CIE Lab	56.47, 72.05, 53.26
CIE LCh	56, 89.598, 36.471
Yxy	24.3835, 0.5950, 0.3359
Android (android.graphics.Color)	4294916398 (0xFFFF392E)
YUV	114.9480, -33.9914, 122.8256
Hunter-Lab	49.3797, 69.7337, 28.5447

Details

The XYZ color **43.1963, 24.3835, 5.0146** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **51.5226, 72.4927, 105.8841**, and the grayscale version is **16.3560, 17.2078, 18.7393**.

A 20% lighter version of the original color is **49.9769, 35.5011, 14.8080**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **41.9105, 22.3921, 2.7987**, and if you desaturate by 10%, it is **45.3485, 27.6318, 8.9893**.

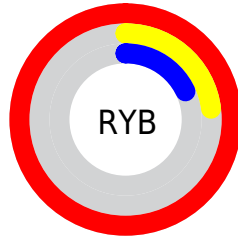
Distribution



Red (100%)

Green (22%)

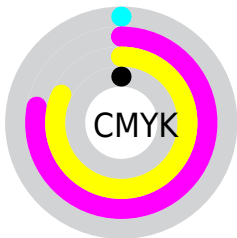
Blue (18%)



Red (100%)

Yellow (23%)

Blue (18%)

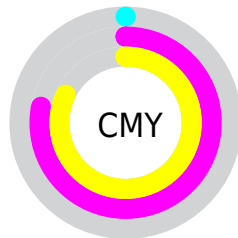


Cyan (0%)

Magenta (78%)

Yellow (82%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1963, 24.3835, 5.0146 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 43.1963, 24.3835, 5.0146 by changing the saturation by 10% instead.


 43.1963, 24.3835,
5.0146


 43.1963, 24.3835,
5.0146


350.3263,
274.7536, 158.9113


 30.2344, 15.6183,
2.1969


 79.2609, 50.6553,
16.2893


 20.1655, 9.2545,
0.6726


 103.0942, 68.9307,
25.5835


 12.6244, 4.9075,
0.0000


 131.2820, 91.1450,
37.8735

 7.2456, 2.1931,
0.0000

 164.1897,
117.6826, 53.5780

 3.6639, 0.7162,
0.0000

 202.1827,
148.9279, 73.1155

 1.5138, 0.0000,
0.0000

 245.6261,

 0.3352, 0.0000,

185.2652, 96.9045

0.0000

294.8856,
227.0790, 125.3636

■ 0.0000, 0.0000,
0.0000

■ 43.1963, 24.3835,
5.0146

■ 43.1963, 24.3835,
5.0146

■ 41.9105, 22.3921,
2.7987

■ 45.3485, 27.6318,
8.9893

■ 41.3893, 21.5591,
1.9799

■ 48.4825, 32.2931,
14.9874

■ 52.6979, 38.5059,
23.2304

■ 58.0814, 46.3906,
33.9105

■ 64.7110, 56.0562,
47.1991

72.6579, 67.6021,
63.2524

81.9881, 81.1205,
82.2142

92.7629, 96.6975,
104.2184

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



49.1755, 24.3835, 20.6188



43.1963, 24.3835, 5.0146



32.0836, 24.3835, 1.0671

Triad

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



43.1963, 24.3835, 5.0146



9.2782, 24.3835, 9.6530



25.4968, 24.3835, 133.3388

Complementary

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



43.1963, 24.3835, 5.0146



51.5226, 72.4927, 105.8841

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.



16.0913, 24.3835, 120.8888



43.1963, 24.3835, 5.0146



8.4712, 24.3835, 33.5206

Square

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



43.1963, 24.3835, 5.0146



13.2278, 24.3835, 2.0145



10.5534, 24.3835, 77.0262



37.1660, 24.3835, 104.0538

Rectangle

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



43.1963, 24.3835, 5.0146



24.4251, 24.3835, 0.5547



10.5534, 24.3835, 77.0262



21.9698, 24.3835, 134.0898

Sweetspot

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



43.1968, 24.3850, 5.0150



70.0993, 63.8882, 58.0716



58.6295, 29.7790, 88.6838



14.4046, 12.8037, 11.2185



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.



43.1968, 24.3850, 5.0150



41.4887, 21.7126, 2.1507



54.4691, 46.9295, 8.7724



18.0862, 18.1405, 18.6926



21.6582, 11.3276, 1.0449



2.1346, 1.1546, 0.1103

Inverse Universe

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



51.5226, 72.4927, 105.8841



49.8152, 70.6556, 105.6201



28.5621, 26.5717, 98.2306



18.4680, 20.3076, 23.1963



25.9900, 36.8897, 55.1852



2.5547, 3.6401, 5.3812

Previews

White Background



This preview shows how the XYZ color 43.1963, 24.3835, 5.0146 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 43.1963, 24.3835, 5.0146 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 43.1963, 24.3835, 5.0146

Background



This preview shows how black text looks on a background with the XYZ color 43.1963, 24.3835, 5.0146.



This preview shows how white text looks on a background with the XYZ color 43.1963, 24.3835,

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

43.1963, 24.3835, 5.0146

Protanopia

22.3950, 24.4976, 8.8584

Deuteranopia

24.8203, 24.4286, 4.3267



Tritanopia

43.3927, 24.3838, 6.2904

Trichromacy



Original Color

43.1963, 24.3835, 5.0146

Protanomaly

26.7861, 21.5225, 6.8802

Deuteranomaly

29.4819, 22.3669, 4.2022

Tritanomaly

43.2968, 24.3454, 5.7853

Monochromacy



Original Color

43.1963, 24.3835, 5.0146

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.5741, 16.8506, 11.7883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1963, 24.3835, 5.0146 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(255, 57, 46)` looks like.

```
.text, #text, p{  
  color:rgb(255, 57, 46)  
}
```

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(255, 57, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 46) }
```

Border

The CSS property to change the border of an element to XYZ 43.1963, 24.3835, 5.0146 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(255, 57, 46) }
```


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

```
.border{ border-color:rgb(255, 57, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1963, 24.3835, 5.0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 46) }
```

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

```
.background{ background-color: rgb(255, 57,  
46) }
```

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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