

Converting Colors

XYZ(43.7618, 25.5028, 5.2398)

Have a look what the booklet for
XYZ(43.7618, 25.5028, 5.2398)
contains.

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Color

**XYZ(43.7403, 25.4716,
5.1959)**

Conversions

Conversions Part 1

Format	Color
Hex	FF432E
RGB	255, 67, 46
RGB Percent	100%, 26%, 18%
CMY	0.0000, 0.7372, 0.8196
CMYK	0.00, 0.74, 0.82, 0.00
HSL	6°, 100%, 59%
HSV	6°, 82%, 100%
XYZ	43.7403, 25.4716, 5.1959
YIQ	120.8180, 118.7890, 33.3250

Conversions

Conversions Part 2

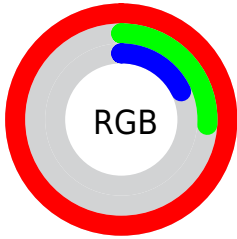
Format	Color
R_{YB}	255, 69, 46
Decimal	16728878
CIE _{Lab}	57.53, 69.08, 54.24
CIE _{LCh}	58, 87.826, 38.137
Yxy	25.4716, 0.5878, 0.3423
Android (android.graphics.Color)	4294918958 (0xFFFF432E)
YUV	120.8180, -36.8853, 117.6776
Hunter-Lab	50.4694, 66.3791, 29.2246

Details

The XYZ color **43.7403, 25.4716, 5.1959** 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 **48.5953, 66.6382, 104.9082**, and the grayscale version is **18.2055, 19.1536, 20.8583**.

A 20% lighter version of the original color is **51.0247, 37.5246, 15.3801**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.2741, 23.1194, 2.9198**, and if you desaturate by 10%, it is **46.0451, 29.0252, 9.2214**.

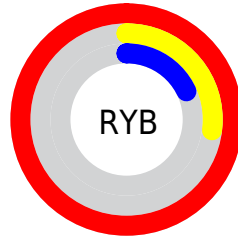
Distribution



Red (100%)

Green (26%)

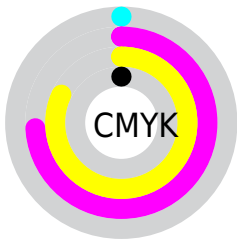
Blue (18%)



Red (100%)

Yellow (27%)

Blue (18%)

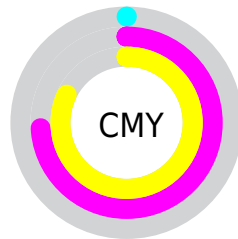


Cyan (0%)

Magenta (74%)

Yellow (82%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7403, 25.4716, 5.1959 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 43.7403, 25.4716, 5.1959 by changing the saturation by 10% instead.

 43.7403, 25.4716,
5.1959

 43.7403, 25.4716,
5.1959


352.5176,
280.1785, 160.7121


 30.6634, 16.4288,
2.3019


 80.0756, 52.4213,
16.6854


 20.4933, 9.8281,
0.7323


 104.0647, 71.0969,
26.1181

 12.8644, 5.2851,
0.0000


 132.4220, 93.7522,
38.5674

 7.4116, 2.4155,
0.0000

 165.5127,
120.7717, 54.4518

 3.7694, 0.8338,
0.0000

 203.7023,
152.5396, 74.1900

 1.5725, 0.0000,
0.0000

 247.3560,

 0.3744, 0.0000,

189.4405, 98.2004

0.0000

296.8394,
231.8586, 126.9016

■ 0.0000, 0.0000,
0.0000

■ 43.7403, 25.4716,
5.1959

■ 43.7403, 25.4716,
5.1959

■ 42.2741, 23.1194,
2.9198

■ 46.0451, 29.0252,
9.2214

■ 41.6011, 21.9827,
2.0505

■ 49.2899, 33.9079,
15.2565

■ 53.5628, 40.2358,
23.5187

■ 58.9417, 48.1113,
34.1971

■ 65.4965, 57.6274,
47.4607

■ 73.2916, 68.8696,
63.4634

■ 82.3866, 81.9176,
82.3467

■ 92.8371, 96.8461,
104.2428

■ 95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



50.0978, 25.4716, 20.3500



43.7403, 25.4716, 5.1959



32.5046, 25.4716, 1.2627

Triad

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



43.7403, 25.4716, 5.1959



9.9235, 25.4716, 11.3312



27.1717, 25.4716, 132.8659

Complementary

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



43.7403, 25.4716, 5.1959



48.5953, 66.6382, 104.9082

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.



17.4621, 25.4716, 122.9891



43.7403, 25.4716, 5.1959



9.2523, 25.4716, 36.7182

Square

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



43.7403, 25.4716, 5.1959



13.7870, 25.4716, 2.6147



11.5798, 25.4716, 80.7269



38.8865, 25.4716, 102.2572

Rectangle

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



43.7403, 25.4716, 5.1959



24.8703, 25.4716, 0.7980



11.5798, 25.4716, 80.7269



23.5615, 25.4716, 134.4344

Sweetspot

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



43.7409, 25.4731, 5.1963



70.7879, 65.2654, 58.3011



57.0823, 29.1601, 80.5366



14.5635, 13.1215, 11.2715



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.



43.7409, 25.4731, 5.1963



41.7380, 22.2112, 2.2338



56.3714, 50.7342, 9.4065



18.1563, 18.2807, 18.7159



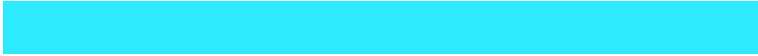
21.7856, 11.5823, 1.0874



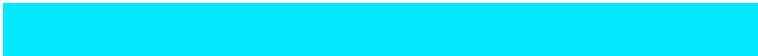
2.1677, 1.2208, 0.1214

Inverse Universe

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



48.5953, 66.6382, 104.9082



46.3756, 63.7764, 104.4736



27.1062, 23.6599, 97.7452



18.3896, 20.1508, 23.1702



24.1880, 33.2856, 54.5845



2.3983, 3.3273, 5.3291

Previews

White Background



This preview shows how the XYZ color 43.7403, 25.4716, 5.1959 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 43.7403, 25.4716, 5.1959 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 43.7403, 25.4716, 5.1959

Background



This preview shows how black text looks on a background with the XYZ color 43.7403, 25.4716, 5.1959.



This preview shows how white text looks on a background with the XYZ color 43.7403, 25.4716,

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

43.7403, 25.4716, 5.1959

Protanopia

23.3236, 25.6192, 8.7167

Deuteranopia

25.9819, 25.4211, 4.5147



Tritanopia

44.1434, 25.4458, 7.8951

Trichromacy



Original Color

43.7403, 25.4716, 5.1959

Protanomaly

27.9041, 23.0629, 6.9839

Deuteranomaly

30.5389, 23.6723, 4.3985

Tritanomaly

43.9776, 25.4722, 6.7364

Monochromacy



Original Color

43.7403, 25.4716, 5.1959

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.2516, 18.6616, 12.9662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7403, 25.4716, 5.1959 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, 67, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 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, 67, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 46) }
```

Border

The CSS property to change the border of an element to XYZ 43.7403, 25.4716, 5.1959 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, 67, 46) }
```


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

```
.border{ border-color:rgb(255, 67, 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, 67, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7403, 25.4716, 5.1959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 46) }
```

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

```
.background{ background-color: rgb(255, 67,  
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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