

Converting Colors

XYZ(43.4918, 25.2731, 4.1939)

Have a look what the booklet for
XYZ(43.4918, 25.2731, 4.1939)
contains.

XYZ(43.4916, 25.2778, 4.1769)	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(43.4916, 25.2778,
4.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4223
RGB	255, 66, 35
RGB Percent	100%, 26%, 14%
CMY	0.0000, 0.7411, 0.8627
CMYK	0.00, 0.74, 0.86, 0.00
HSL	8°, 100%, 57%
HSV	8°, 86%, 100%
XYZ	43.4916, 25.2778, 4.1769
YIQ	118.9770, 122.5950, 30.4270

Conversions

Conversions Part 2

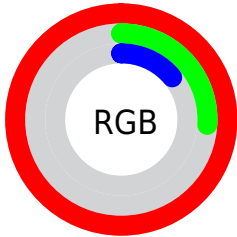
Format	Color
R_{YB}	255, 71, 35
Decimal	16728611
CIE _{Lab}	57.35, 69.15, 59.01
CIE _{LCh}	57, 90.904, 40.473
Yxy	25.2778, 0.5962, 0.3465
Android (android.graphics.Color)	4294918691 (0xFFFF4223)
YUV	118.9770, -41.4007, 119.2922
Hunter-Lab	50.2770, 66.4247, 30.2682

Details

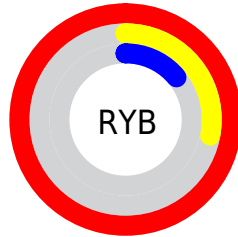
The XYZ color **43.4916, 25.2778, 4.1769** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **45.3947, 60.8806, 103.9656**, and the grayscale version is **17.6289, 18.5470, 20.1977**.

A 20% lighter version of the original color is **50.4691, 37.0946, 13.0943**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.1965, 23.0902, 2.5057**, and if you desaturate by 10%, it is **45.5517, 28.5577, 7.4560**.

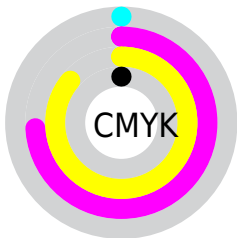
Distribution



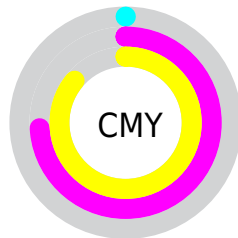
- Red (100%)
- Green (26%)
- Blue (14%)



- Red (100%)
- Yellow (28%)
- Blue (14%)



- Cyan (0%)
- Magenta (74%)
- Yellow (86%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4916, 25.2778, 4.1769 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 43.4916, 25.2778, 4.1769 by changing the saturation by 10% instead.

 43.4916, 25.2778,
4.1769


 43.4916, 25.2778,
4.1769

351.5169,
279.2186, 150.1718


 30.4672, 16.2841,
1.7229


 79.7033, 52.1075,
14.4157

 20.3433, 9.7254,
0.3763


 103.6213, 70.7124,
23.0376

 12.7546, 5.2173,
0.0000


 131.9012, 93.2898,
34.5526

 7.3356, 2.3753,
0.0000

 164.9084,
120.2241, 49.3791

 3.7210, 0.8131,
0.0000

 203.0082,
151.8998, 67.9357

 1.5456, 0.0000,
0.0000

 246.5660,

 0.3565, 0.0000,

188.7012, 90.6410

0.0000

295.9471,
231.0126, 117.9135

0.0000, 0.0000,
0.0000

43.4916, 25.2778,
4.1769

43.4916, 25.2778,
4.1769

42.1965, 23.0902,
2.5057

45.5517, 28.5577,
7.4560


41.8690, 22.5185,
2.1398


48.4765, 33.0458,
12.6277


52.3513, 38.8480,
19.9230

57.2505, 46.0569,
29.5395

63.2412, 54.7569,
41.6520

 70.3843, 65.0257,
56.4186

 78.7365, 76.9354,
73.9843

 88.3507, 90.5538,
94.4834

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.



50.7112, 25.2778, 18.0823



43.4916, 25.2778, 4.1769



31.6402, 25.2778, 0.9225

Triad

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



43.4916, 25.2778, 4.1769



9.3080, 25.2778, 12.0690



27.9935, 25.2778, 136.8690

Complementary

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



43.4916, 25.2778, 4.1769



45.3947, 60.8806, 103.9656

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.



17.7429, 25.2778, 129.9250



43.4916, 25.2778, 4.1769



8.8652, 25.2778, 39.7839

Square

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



43.4916, 25.2778, 4.1769



12.9278, 25.2778, 2.5613



11.4571, 25.2778, 86.8232



40.1454, 25.2778, 101.8669

Rectangle

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



43.4916, 25.2778, 4.1769



23.8550, 25.2778, 0.5572



11.4571, 25.2778, 86.8232



24.1974, 25.2778, 139.7643

Sweetspot

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



43.4921, 25.2793, 4.1773



70.5975, 65.3306, 56.8627



55.5224, 27.9346, 74.1770



14.5500, 13.1798, 11.0042



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, 25.2793, 4.1773



41.8693, 22.5186, 2.1398



56.7435, 51.7821, 8.5944



18.2159, 18.3999, 18.7358



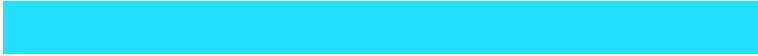
21.9398, 11.8909, 1.1388



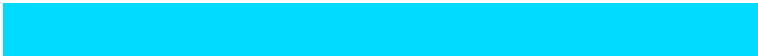
2.1957, 1.2767, 0.1307

Inverse Universe

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



45.3947, 60.8806, 103.9656



43.3950, 57.9100, 103.4983



24.9501, 19.9914, 97.1507



18.3237, 20.0190, 23.1482



22.7587, 30.4270, 54.1081



2.2733, 3.0772, 5.2874

Previews

White Background



This preview shows how the XYZ color 43.4916, 25.2778, 4.1769 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 43.4916, 25.2778, 4.1769 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 43.4916, 25.2778, 4.1769

Background



This preview shows how black text looks on a background with the XYZ color 43.4916, 25.2778, 4.1769.



This preview shows how white text looks on a background with the XYZ color 43.4916, 25.2778,

4.1769.

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

43.4916, 25.2778, 4.1769

Protanopia

23.0575, 25.3040, 7.0371

Deuteranopia

25.5719, 25.2313, 3.5223



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

43.4916, 25.2778, 4.1769

Protanomaly

27.7732, 22.8620, 5.5338

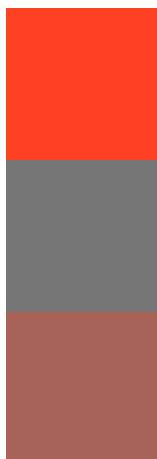
Deuteranomaly

29.9589, 23.2410, 3.2877

Tritanomaly

43.8199, 25.3164, 6.1914

Monochromacy



Original Color

43.4916, 25.2778, 4.1769

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.4671, 18.1438, 11.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4916, 25.2778, 4.1769 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, 66, 35)` looks like.

```
.text, #text, p{  
  color:rgb(255, 66, 35)  
}
```

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, 66, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 35) }
```

Border

The CSS property to change the border of an element to XYZ 43.4916, 25.2778, 4.1769 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, 66, 35) }
```


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

```
.border{ border-color:rgb(255, 66, 35) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 35);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4916, 25.2778, 4.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 35) }
```

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

```
.background{ background-color: rgb(255, 66,  
35) }
```

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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