

Converting Colors

XYZ(43.4510, 25.1491, 4.3108)

Have a look what the booklet for
XYZ(43.4510, 25.1491, 4.3108)
contains.

XYZ(43.4642, 25.1742, 4.3185)	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(43.4642, 25.1742,
4.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4125
RGB	255, 65, 37
RGB Percent	100%, 25%, 15%
CMY	0.0000, 0.7450, 0.8549
CMYK	0.00, 0.75, 0.85, 0.00
HSL	8°, 100%, 57%
HSV	8°, 85%, 100%
XYZ	43.4642, 25.1742, 4.3185
YIQ	118.6180, 122.2280, 31.5720

Conversions

Conversions Part 2

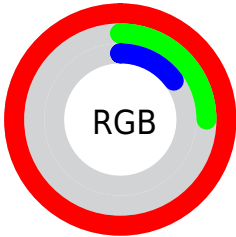
Format	Color
R_{YB}	255, 69, 37
Decimal	16728357
CIE Lab	57.24, 69.50, 58.08
CIE LCh	57, 90.575, 39.883
Yxy	25.1742, 0.5958, 0.3451
Android (android.graphics.Color)	4294918437 (0xFFFF4125)
YUV	118.6180, -40.2377, 119.6070
Hunter-Lab	50.1739, 66.8251, 30.0186

Details

The XYZ color **43.4642, 25.1742, 4.3185** 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 **46.2776, 62.5428, 104.2398**, and the grayscale version is **17.5118, 18.4238, 20.0635**.

A 20% lighter version of the original color is **50.4212, 36.8698, 13.4759**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.1593, 22.9978, 2.5490**, and if you desaturate by 10%, it is **45.5504, 28.4682, 7.7239**.

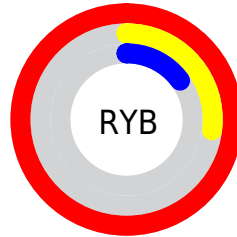
Distribution



Red (100%)

Green (25%)

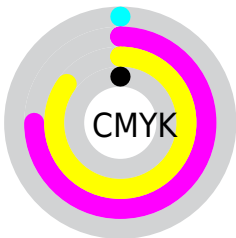
Blue (15%)



Red (100%)

Yellow (27%)

Blue (15%)

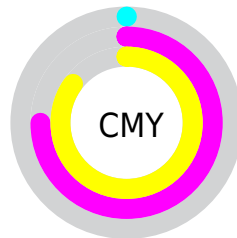


Cyan (0%)

Magenta (75%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4642, 25.1742, 4.3185 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 43.4642, 25.1742, 4.3185 by changing the saturation by 10% instead.

 43.4642, 25.1742,
4.3185

 43.4642, 25.1742,
4.3185

351.4066,
278.7044, 151.7023


 30.4456, 16.2069,
1.8016


 79.6622, 51.9397,
14.7379


 20.3268, 9.6707,
0.4290


 103.5724, 70.5066,
23.4775


 12.7425, 5.1812,
0.0000


 131.8438, 93.0423,
35.1285

 7.3272, 2.3539,
0.0000

 164.8417,
119.9310, 50.1093

 3.7157, 0.8020,
0.0000

 202.9316,
151.5571, 68.8386

 1.5426, 0.0000,
0.0000

 246.4789,

 0.3545, 0.0000,

188.3052, 91.7348

0.0000

295.8487,
230.5594, 119.2165

■ 0.0000, 0.0000,
0.0000

■ 43.4642, 25.1742,
4.3185

■ 43.4642, 25.1742,
4.3185

■ 42.1593, 22.9978,
2.5490

■ 45.5504, 28.4682,
7.7239

■ 41.7771, 22.3348,
2.1091

■ 48.5191, 33.0003,
13.0451

■ 52.4570, 38.8803,
20.5107

■ 57.4401, 46.2044,
30.3171

■ 63.5366, 55.0599,
42.6381

70.8087, 65.5272,
57.6312

79.3143, 77.6811,
75.4409

89.1072, 91.5915,
96.2014

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



50.4897, 25.1742, 18.4826



43.4642, 25.1742, 4.3185



31.7322, 25.1742, 0.9543

Triad

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



43.4642, 25.1742, 4.3185



9.3315, 25.1742, 11.7179



27.6388, 25.1742, 136.2386

Complementary

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



43.4642, 25.1742, 4.3185



46.2776, 62.5428, 104.2398

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.



17.5203, 25.1742, 128.4610



43.4642, 25.1742, 4.3185



8.8332, 25.1742, 38.8305

Square

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



43.4642, 25.1742, 4.3185



13.0025, 25.1742, 2.4916



11.3483, 25.1742, 85.2878



39.7106, 25.1742, 102.1461

Rectangle

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



43.4642, 25.1742, 4.3185



23.9694, 25.1742, 0.5679



11.3483, 25.1742, 85.2878



23.8853, 25.1742, 138.8031

Sweetspot

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



43.4647, 25.1757, 4.3189



70.4090, 64.9537, 56.7999



56.1232, 28.2718, 77.0426



14.5066, 13.0929, 10.9897



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.



43.4647, 25.1757, 4.3189



41.7775, 22.3350, 2.1092



56.2184, 50.6830, 8.5701



18.1975, 18.3631, 18.7297



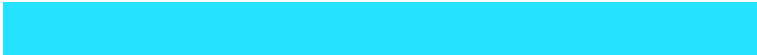
21.8875, 11.7861, 1.1214



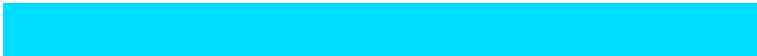
2.1871, 1.2595, 0.1278

Inverse Universe

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



46.2776, 62.5428, 104.2398



44.2325, 59.5850, 103.7775



25.5976, 21.1829, 97.3465



18.3440, 20.0596, 23.1550



23.1903, 31.2903, 54.2520



2.3111, 3.1530, 5.3000

Previews

White Background



This preview shows how the XYZ color 43.4642, 25.1742, 4.3185 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 43.4642, 25.1742, 4.3185 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 43.4642, 25.1742, 4.3185

Background



This preview shows how black text looks on a background with the XYZ color 43.4642, 25.1742, 4.3185.



This preview shows how white text looks on a background with the XYZ color 43.4642, 25.1742,

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

43.4642, 25.1742, 4.3185

Protanopia

22.9149, 25.2251, 7.2756

Deuteranopia

25.5719, 25.2313, 3.5223



Tritanopia

43.9716, 25.1967, 7.5469

Trichromacy



Original Color

43.4642, 25.1742, 4.3185

Protanomaly

27.4531, 22.5294, 5.6980

Deuteranomaly

29.9589, 23.2410, 3.2877

Tritanomaly

43.7630, 25.2026, 6.1725

Monochromacy



Original Color

43.4642, 25.1742, 4.3185

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.4135, 17.9698, 11.7384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4642, 25.1742, 4.3185 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, 65, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 37)  
}
```

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, 65, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 37) }
```

Border

The CSS property to change the border of an element to XYZ 43.4642, 25.1742, 4.3185 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, 65, 37) }
```


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

```
.border{ border-color:rgb(255, 65, 37) }
```

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

Here you see how a box with a 4 pixel rgb(255, 65, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4642, 25.1742, 4.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 37) }
```

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

```
.background{ background-color: rgb(255, 65,  
37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor