

Converting Colors

XYZ(43.4013, 25.0164, 4.3961)

Have a look what the booklet for
XYZ(43.4013, 25.0164, 4.3961)
contains.

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Color

**XYZ(43.4232, 25.0667,
4.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4026
RGB	255, 64, 38
RGB Percent	100%, 25%, 15%
CMY	0.0000, 0.7490, 0.8510
CMYK	0.00, 0.75, 0.85, 0.00
HSL	7°, 100%, 57%
HSV	7°, 85%, 100%
XYZ	43.4232, 25.0667, 4.3834
YIQ	118.1450, 122.1820, 32.4060

Conversions

Conversions Part 2

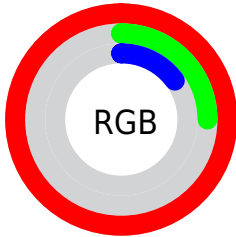
Format	Color
R_{YB}	255, 68, 38
Decimal	16728102
CIE _{Lab}	57.14, 69.83, 57.56
CIE _{LCh}	57, 90.496, 39.497
Yxy	25.0667, 0.5959, 0.3440
Android (android.graphics.Color)	4294918182 (0xFFFF4026)
YUV	118.1450, -39.5115, 120.0218
Hunter-Lab	50.0667, 67.1978, 29.8557

Details

The XYZ color **43.4232, 25.0667, 4.3834** 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 **46.8644, 63.6624, 104.4250**, and the grayscale version is **17.3604, 18.2645, 19.8900**.

A 20% lighter version of the original color is **50.2939, 36.6154, 13.4335**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.1220, 22.9133, 2.5668**, and if you desaturate by 10%, it is **45.5154, 28.3532, 7.8501**.

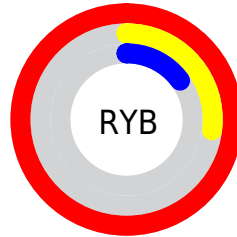
Distribution



Red (100%)

Green (25%)

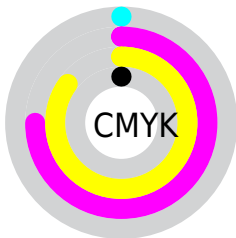
Blue (15%)



Red (100%)

Yellow (27%)

Blue (15%)

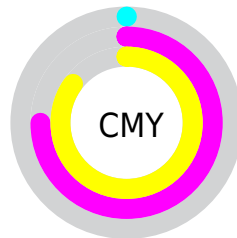


Cyan (0%)

Magenta (75%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4232, 25.0667, 4.3834 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 43.4232, 25.0667, 4.3834 by changing the saturation by 10% instead.


 43.4232, 25.0667,
4.3834


 43.4232, 25.0667,
4.3834


351.2414,
278.1700, 152.3960


 30.4133, 16.1268,
1.8379


 79.6008, 51.7654,
14.8848


 20.3021, 9.6139,
0.4528


 103.4992, 70.2930,
23.6778

 12.7244, 5.1437,
0.0000


 131.7579, 92.7852,
35.3903

 7.3147, 2.3318,
0.0000

 164.7420,
119.6264, 50.4410

 3.7078, 0.7905,
0.0000

 202.8171,
151.2012, 69.2484

 1.5382, 0.0000,
0.0000

 246.3485,

 0.3516, 0.0000,

187.8937, 92.2310

0.0000

295.7014,
230.0885, 119.8074

■ 0.0000, 0.0000,
0.0000

■ 43.4232, 25.0667,
4.3834

■ 43.4232, 25.0667,
4.3834

■ 42.1220, 22.9133,
2.5668

■ 45.5154, 28.3532,
7.8501

■ 41.7185, 22.2175,
2.0896

■ 48.5009, 32.8972,
13.2449

■ 52.4680, 38.8112,
20.7954

■ 57.4937, 46.1941,
30.6973

■ 63.6472, 55.1355,
43.1242

70.9918, 65.7177,
58.2335

79.5861, 78.0175,
76.1696

89.4847, 92.1066,
97.0665

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.



50.3308, 25.0667, 18.7011



43.4232, 25.0667, 4.3834



31.7582, 25.0667, 0.9617

Triad

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



43.4232, 25.0667, 4.3834



9.3116, 25.0667, 11.4521



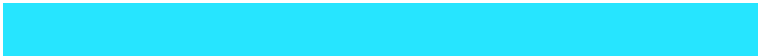
27.3732, 25.0667, 135.9444

Complementary

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



43.4232, 25.0667, 4.3834



46.8644, 63.6624, 104.4250

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.



17.3372, 25.0667, 127.6132



43.4232, 25.0667, 4.3834



8.7777, 25.0667, 38.1814

Square

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



43.4232, 25.0667, 4.3834



13.0131, 25.0667, 2.4252



11.2409, 25.0667, 84.3200



39.4022, 25.0667, 102.3793

Rectangle

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



43.4232, 25.0667, 4.3834



24.0058, 25.0667, 0.5611



11.2409, 25.0667, 84.3200



23.6454, 25.0667, 138.3000

Sweetspot

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



43.4237, 25.0682, 4.3838



70.2792, 64.6940, 56.7566



56.1712, 28.3415, 77.1393



14.4767, 13.0331, 10.9797



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.



43.4237, 25.0682, 4.3838



41.7188, 22.2176, 2.0896



56.3071, 50.8350, 8.6782



18.1847, 18.3377, 18.7254



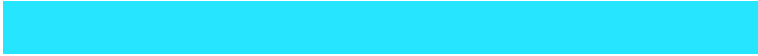
21.8537, 11.7187, 1.1101



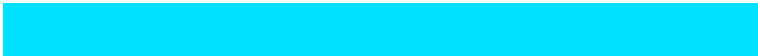
2.1811, 1.2475, 0.1258

Inverse Universe

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



46.8644, 63.6624, 104.4250



44.8215, 60.7629, 103.9738



25.7089, 21.3514, 97.3731



18.3581, 20.0877, 23.1597



23.4938, 31.8972, 54.3531



2.3377, 3.2061, 5.3089

Previews

White Background



This preview shows how the XYZ color 43.4232, 25.0667, 4.3834 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 43.4232, 25.0667, 4.3834 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 43.4232, 25.0667, 4.3834

Background



This preview shows how black text looks on a background with the XYZ color 43.4232, 25.0667, 4.3834.



This preview shows how white text looks on a background with the XYZ color 43.4232, 25.0667,

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

43.4232, 25.0667, 4.3834

Protanopia

22.9392, 25.2348, 7.4032

Deuteranopia

25.4382, 24.9639, 3.4778



Tritanopia

43.8880, 25.0754, 7.3774

Trichromacy



Original Color

43.4232, 25.0667, 4.3834

Protanomaly

27.4740, 22.5378, 5.8079

Deuteranomaly

29.8619, 23.0363, 3.2880

Tritanomaly

43.7071, 25.0908, 6.1538

Monochromacy



Original Color

43.4232, 25.0667, 4.3834

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

22.3193, 17.7815, 11.7070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4232, 25.0667, 4.3834 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, 64, 38)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 38)  
}
```

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, 64, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 38) }
```

Border

The CSS property to change the border of an element to XYZ 43.4232, 25.0667, 4.3834 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, 64, 38) }
```


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

```
.border{ border-color:rgb(255, 64, 38) }
```

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

Here you see how a box with a 4 pixel rgb(255, 64, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 38);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4232, 25.0667, 4.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 38) }
```

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

```
.background{ background-color: rgb(255, 64,  
38) }
```

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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