

Converting Colors

XYZ(43.5318, 25.0058, 5.2764)

Have a look what the booklet for
XYZ(43.5318, 25.0058, 5.2764)
contains.

XYZ(43.5510, 25.0284, 5.3319)	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(43.5510, 25.0284,
5.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F30
RGB	255, 63, 48
RGB Percent	100%, 25%, 19%
CMY	0.0000, 0.7529, 0.8118
CMYK	0.00, 0.75, 0.81, 0.00
HSL	4°, 100%, 59%
HSV	4°, 81%, 100%
XYZ	43.5510, 25.0284, 5.3319
YIQ	118.6980, 119.2470, 36.0390

Conversions

Conversions Part 2

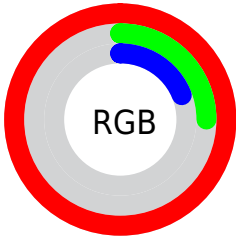
Format	Color
R_{YB}	255, 64, 48
Decimal	16727856
CIE _{Lab}	57.10, 70.37, 52.87
CIE _{LCh}	57, 88.017, 36.918
Yxy	25.0284, 0.5892, 0.3386
Android (android.graphics.Color)	4294917936 (0xFFFF3F30)
YUV	118.6980, -34.8541, 119.5369
Hunter-Lab	50.0284, 67.8391, 28.7009

Details

The XYZ color **43.5510, 25.0284, 5.3319** 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 **50.4246, 70.1599, 105.4916**, and the grayscale version is **17.5213, 18.4338, 20.0744**.

A 20% lighter version of the original color is **50.7313, 36.7903, 15.7367**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.1269, 22.7948, 2.9642**, and if you desaturate by 10%, it is **45.8401, 28.5099, 9.4777**.

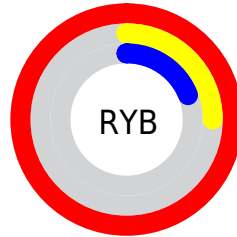
Distribution



Red (100%)

Green (25%)

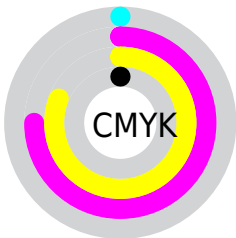
Blue (19%)



Red (100%)

Yellow (25%)

Blue (19%)

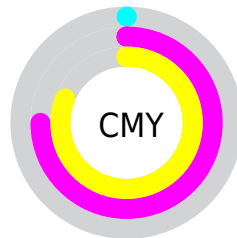


Cyan (0%)

Magenta (75%)

Yellow (81%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5510, 25.0284, 5.3319 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 43.5510, 25.0284, 5.3319 by changing the saturation by 10% instead.


 43.5510, 25.0284,
5.3319


 43.5510, 25.0284,
5.3319


351.7561,
277.9793, 162.0444


 30.5141, 16.0982,
2.3812


 79.7922, 51.7033,
16.9806


 20.3791, 9.5937,
0.7762


 103.7272, 70.2168,
26.5157

 12.7808, 5.1304,
0.0000


 132.0256, 92.6935,
39.0827

 7.3537, 2.3240,
0.0000

 165.0528,
119.5179, 55.1001

 3.7326, 0.7864,
0.0000

 203.1741,
151.0742, 74.9864

 1.5520, 0.0000,
0.0000

 246.7548,

 0.3608, 0.0000,

187.7470, 99.1602

0.0000

296.1604,
229.9206, 128.0400

■ 0.0000, 0.0000,
0.0000

■ 43.5510, 25.0284,
5.3319

■ 43.5510, 25.0284,
5.3319

■ 42.1269, 22.7948,
2.9642

■ 45.8401, 28.5099,
9.4777

■ 41.4641, 21.7087,
2.0048

■ 49.1019, 33.3808,
15.6598

■ 53.4300, 39.7686,
24.0953

■ 58.9063, 47.7850,
34.9732

■ 65.6050, 57.5311,
48.4626

73.5939, 69.1000,
64.7175

82.9358, 82.5780,
83.8801

93.6893, 98.0459,
106.0826

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.



49.5734, 25.0284, 20.9375



43.5510, 25.0284, 5.3319



32.4914, 25.0284, 1.2459

Triad

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



43.5510, 25.0284, 5.3319



9.7587, 25.0284, 10.4374



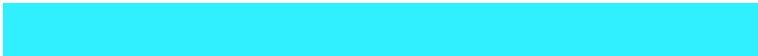
26.2714, 25.0284, 132.2982

Complementary

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



43.5510, 25.0284, 5.3319



50.4246, 70.1599, 105.4916

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.



16.7979, 25.0284, 120.7393



43.5510, 25.0284, 5.3319



8.9794, 25.0284, 34.7225

Square

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



43.5510, 25.0284, 5.3319



13.7113, 25.0284, 2.3482



11.1452, 25.0284, 77.9410



37.8844, 25.0284, 103.1238

Rectangle

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



43.5510, 25.0284, 5.3319



24.8769, 25.0284, 0.7385



11.1452, 25.0284, 77.9410



22.7328, 25.0284, 133.2553

Sweetspot

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



43.5515, 25.0299, 5.3323



71.2039, 65.6435, 59.8389



58.2037, 29.7366, 86.0473



14.6275, 13.1627, 11.5601



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.



43.5515, 25.0299, 5.3323



41.6423, 21.9975, 2.2708



55.2825, 48.4919, 9.2426



18.1152, 18.1985, 18.7022



21.7041, 11.4194, 1.0602



2.1483, 1.1820, 0.1149

Inverse Universe

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



50.4246, 70.1599, 105.4916



48.4471, 67.8721, 105.1549



28.3144, 25.9394, 98.1215



18.4355, 20.2425, 23.1855



25.2285, 35.3666, 54.9313



2.4888, 3.5082, 5.3593

Previews

White Background



This preview shows how the XYZ color 43.5510, 25.0284, 5.3319 looks on a white background.

Color Contrast Check

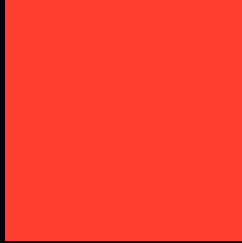
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5510, 25.0284, 5.3319 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 43.5510, 25.0284, 5.3319

Background



This preview shows how black text looks on a background with the XYZ color 43.5510, 25.0284, 5.3319.



This preview shows how white text looks on a background with the XYZ color 43.5510, 25.0284,

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

43.5510, 25.0284, 5.3319

Protanopia

22.9379, 24.9841, 9.0823

Deuteranopia

25.4380, 24.9382, 4.6352



Tritanopia

43.8598, 25.0641, 7.2288

Trichromacy



Original Color

43.5510, 25.0284, 5.3319

Protanomaly

27.4045, 22.3076, 7.2763

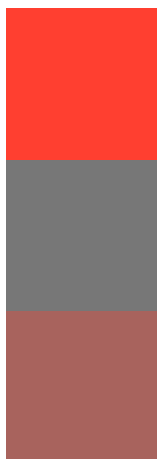
Deuteranomaly

30.1011, 23.1320, 4.5475

Tritanomaly

43.7263, 25.0107, 6.5259

Monochromacy



Original Color

43.5510, 25.0284, 5.3319

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.5861, 18.0388, 12.6474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5510, 25.0284, 5.3319 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, 63, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 48)  
}
```

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, 63, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 48) }
```

Border

The CSS property to change the border of an element to XYZ 43.5510, 25.0284, 5.3319 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, 63, 48) }
```


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

```
.border{ border-color:rgb(255, 63, 48) }
```

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

Here you see how a box with a 4 pixel rgb(255, 63, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5510, 25.0284, 5.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 48) }
```

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

```
.background{ background-color: rgb(255, 63,  
48) }
```

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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