

Converting Colors

XYZ(95.9788, 52.0575, 8.1455)

Have a look what the booklet for
XYZ(95.9788, 52.0575, 8.1455)
contains.

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Color

**XYZ(43.6150, 25.0540,
5.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F33
RGB	255, 63, 51
RGB Percent	100%, 25%, 20%
CMY	0.0000, 0.7529, 0.8000
CMYK	0.00, 0.75, 0.80, 0.00
HSL	4°, 100%, 60%
HSV	4°, 80%, 100%
XYZ	43.6150, 25.0540, 5.6691
YIQ	119.0400, 118.2840, 36.9720

Conversions

Conversions Part 2

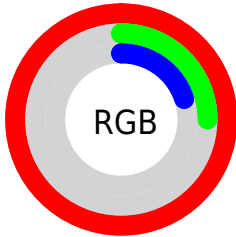
Format	Color
R_{YB}	255, 64, 51
Decimal	16727859
CIE _{Lab}	57.13, 70.45, 51.40
CIE _{LCh}	57, 87.209, 36.114
Yxy	25.0540, 0.5867, 0.3370
Android (android.graphics.Color)	4294917939 (0xFFFF3F33)
YUV	119.0400, -33.5437, 119.2369
Hunter-Lab	50.0540, 67.9432, 28.3226

Details

The XYZ color **43.6150, 25.0540, 5.6691** 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 **51.4612, 72.0159, 105.7951**, and the grayscale version is **17.6258, 18.5437, 20.1941**.

A 20% lighter version of the original color is **50.8257, 36.8281, 16.2341**, and **21.0082, 10.8276, 1.0975** is the 20% darker color. If you saturate the color by 10%, you get **42.1466, 22.7843, 3.1247**, and if you desaturate by 10%, it is **45.9709, 28.6071, 10.0279**.

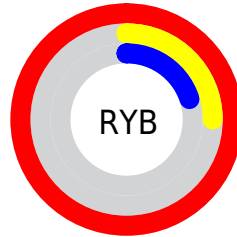
Distribution



Red (100%)

Green (25%)

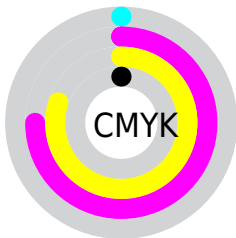
Blue (20%)



Red (100%)

Yellow (25%)

Blue (20%)

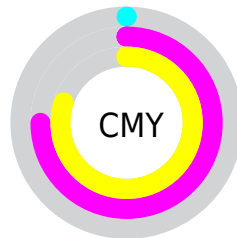


Cyan (0%)

Magenta (75%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6150, 25.0540, 5.6691 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 43.6150, 25.0540, 5.6691 by changing the saturation by 10% instead.


 43.6150, 25.0540,
5.6691


 43.6150, 25.0540,
5.6691


352.0137,
278.1068, 165.2827


 30.5646, 16.1173,
2.5794


 79.8880, 51.7448,
17.7058


 20.4177, 9.6072,
0.8818


 103.8414, 70.2677,
27.4898


 12.8091, 5.1393,
0.0000


 132.1597, 92.7548,
40.3425

 7.3733, 2.3292,
0.0000

 165.2083,
119.5904, 56.6822

 3.7450, 0.7891,
0.0000

 203.3527,
151.1591, 76.9275

 1.5589, 0.0000,
0.0000

 246.9582,

 0.3654, 0.0000,

187.8451, 101.4970

0.0000

296.3900,
230.0328, 130.8092

■ 0.0000, 0.0000,
0.0000

■ 43.6150, 25.0540,
5.6691

■ 43.6150, 25.0540,
5.6691

■ 42.1466, 22.7843,
3.1247

■ 45.9709, 28.6071,
10.0279

■ 41.4107, 21.6020,
1.9870

■ 49.3236, 33.5905,
16.4545

■ 41.4107, 21.6020,
1.9870

■ 53.7684, 40.1358,
25.1632

■ 59.3889, 48.3586,
36.3412

■ 66.2605, 58.3636,
50.1564

■ 74.4525, 70.2469,
66.7618

■ 84.0289, 84.0978,
86.2991

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.



49.3682, 25.0540, 21.6835



43.6150, 25.0540, 5.6691



32.7464, 25.0540, 1.3546

Triad

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



43.6150, 25.0540, 5.6691



9.9270, 25.0540, 10.1790



25.9810, 25.0540, 131.1473

Complementary

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



43.6150, 25.0540, 5.6691



51.4612, 72.0159, 105.7951

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.



16.6730, 25.0540, 118.6728



43.6150, 25.0540, 5.6691



9.0709, 25.0540, 33.7640

Square

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



43.6150, 25.0540, 5.6691



13.9599, 25.0540, 2.3433



11.1488, 25.0540, 76.0932



37.4657, 25.0540, 103.3197

Rectangle

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



43.6150, 25.0540, 5.6691



25.1777, 25.0540, 0.8032



11.1488, 25.0540, 76.0932



22.4986, 25.0540, 131.6947

Sweetspot

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



43.6155, 25.0555, 5.6695



71.0133, 65.2624, 59.7753



58.8743, 30.2079, 88.9532



14.5832, 13.0743, 11.5454



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.



43.6155, 25.0555, 5.6695



41.6354, 21.9614, 2.3374



54.9699, 47.7643, 9.4543



18.0952, 18.1586, 18.6956



21.6715, 11.3542, 1.0494



2.1389, 1.1631, 0.1118

Inverse Universe

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



51.4612, 72.0159, 105.7951



49.5096, 69.9497, 105.5000



29.2076, 27.5087, 98.3772



18.4578, 20.2873, 23.1930



25.7501, 36.4097, 55.1052



2.5339, 3.5986, 5.3743

Previews

White Background



This preview shows how the XYZ color 43.6150, 25.0540, 5.6691 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 43.6150, 25.0540, 5.6691 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 43.6150, 25.0540, 5.6691

Background



This preview shows how black text looks on a background with the XYZ color 43.6150, 25.0540, 5.6691.



This preview shows how white text looks on a background with the XYZ color 43.6150, 25.0540,

5.6691.

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

43.6150, 25.0540, 5.6691

Protanopia

23.2071, 25.3202, 9.7950

Deuteranopia

25.5049, 24.9650, 4.9878



Tritanopia

43.8598, 25.0641, 7.2288

Trichromacy



Original Color

43.6150, 25.0540, 5.6691

Protanomaly

27.5961, 22.5579, 7.7501

Deuteranomaly

30.1656, 23.1578, 4.8875

Tritanomaly

43.7520, 25.0210, 6.6612

Monochromacy



Original Color

43.6150, 25.0540, 5.6691

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.6307, 18.0567, 12.8822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6150, 25.0540, 5.6691 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 51) }
```

Border

The CSS property to change the border of an element to XYZ 43.6150, 25.0540, 5.6691 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, 51) }
```


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

```
.border{ border-color:rgb(255, 63, 51) }
```

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, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6150, 25.0540, 5.6691 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, 51) }
```

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

```
.background{ background-color: rgb(255, 63,  
51) }
```

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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