

Converting Colors

XYZ(43.5180, 25.6432, 3.2219)

Have a look what the booklet for
XYZ(43.5180, 25.6432, 3.2219)
contains.

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Color

**XYZ(43.5393, 25.6840,
3.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4612
RGB	255, 70, 18
RGB Percent	100%, 27%, 7%
CMY	0.0000, 0.7254, 0.9294
CMYK	0.00, 0.73, 0.93, 0.00
HSL	13°, 100%, 54%
HSV	13°, 93%, 100%
XYZ	43.5393, 25.6840, 3.2350
YIQ	119.3870, 126.9520, 23.0480

Conversions

Conversions Part 2

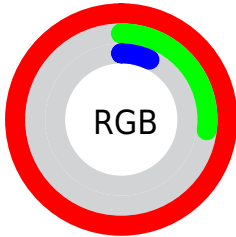
Format	Color
R_{YB}	255, 85, 18
Decimal	16729618
CIE _{Lab}	57.74, 67.61, 65.19
CIE _{LCh}	58, 93.915, 43.955
Yxy	25.6840, 0.6009, 0.3545
Android (android.graphics.Color)	4294919698 (0xFFFF4612)
YUV	119.3870, -49.9838, 118.9326
Hunter-Lab	50.6794, 64.6627, 31.6909

Details

The XYZ color **43.5393, 25.6840, 3.2350** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **39.6523, 50.0545, 102.1784**, and the grayscale version is **17.7848, 18.7109, 20.3762**.

A 20% lighter version of the original color is **50.4252, 37.7063, 10.9237**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.6520, 24.0845, 2.4008**, and if you desaturate by 10%, it is **45.3342, 28.7364, 5.4914**.

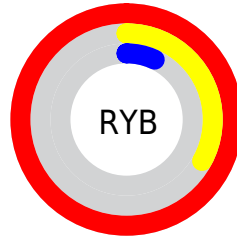
Distribution



Red (100%)

Green (27%)

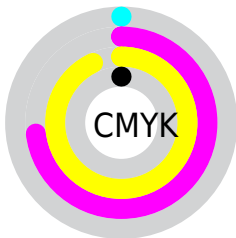
Blue (7%)



Red (100%)

Yellow (33%)

Blue (7%)

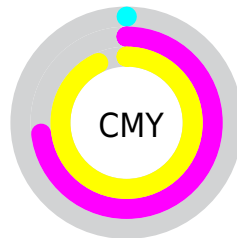


Cyan (0%)

Magenta (73%)

Yellow (93%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5393, 25.6840, 3.2350 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 43.5393, 25.6840, 3.2350 by changing the saturation by 10% instead.


 43.5393, 25.6840,
3.2350

 43.5393, 25.6840,
3.2350


351.7090,
281.2274, 139.2996


 30.5048, 16.5874,
1.2158


 79.7747, 52.7647,
12.2030

 20.3721, 9.9408,
0.0000


 103.7064, 71.5176,
19.9889


 12.7756, 5.3597,
0.0000


 132.0011, 94.2581,
30.5342

 7.3501, 2.4598,
0.0000

 165.0243,
121.3705, 44.2574

 3.7303, 0.8564,
0.0000

 203.1414,
153.2392, 61.5770


 1.5507, 0.0000,
0.0000

 246.7176,


 0.3600, 0.0000,


190.2487, 82.9115


0.0000


 296.1184,
232.7833, 108.6795


 0.0000, 0.0000,
0.0000


 43.5393, 25.6840,
3.2350


 43.5393, 25.6840,
3.2350


 42.6520, 24.0845,
2.4008

 45.3342, 28.7364,
5.4914

 47.8705, 32.8029,
9.4391

 51.2287, 37.9692,
15.3370

 55.4771, 44.3103,
23.3987

 60.6765, 51.8941,
33.8100

66.8820, 60.7832,
46.7363

74.1445, 71.0360,
62.3280

82.5113, 82.7072,
80.7237

92.0268, 95.8484,
102.0523

Harmonies

Analogous

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



52.0121, 25.6840, 15.5235



43.5393, 25.6840, 3.2350



30.8948, 25.6840, 0.6493

Triad

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



43.5393, 25.6840, 3.2350



8.9613, 25.6840, 14.0954



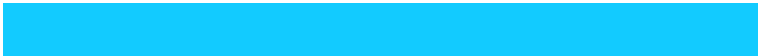
30.0116, 25.6840, 141.5393

Complementary

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



43.5393, 25.6840, 3.2350



39.6523, 50.0545, 102.1784

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.



18.9059, 25.6840, 139.8223



43.5393, 25.6840, 3.2350



8.8571, 25.6840, 45.7333

Square

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



43.5393, 25.6840, 3.2350



12.2613, 25.6840, 2.8703



11.9122, 25.6840, 96.8112



42.7239, 25.6840, 100.5140

Rectangle

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



43.5393, 25.6840, 3.2350



22.9493, 25.6840, 0.4092



11.9122, 25.6840, 96.8112



25.9353, 25.6840, 146.5548

Sweetspot

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



43.5398, 25.6856, 3.2354



70.3353, 65.6749, 54.0973



52.3131, 26.0353, 59.1748



14.4060, 13.1387, 10.1951



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.



43.5398, 25.6856, 3.2354



42.6524, 24.0847, 2.4008



59.3000, 57.2058, 8.4888



18.3325, 18.6333, 18.7747



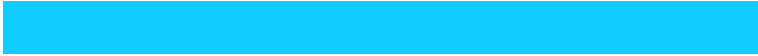
22.3758, 12.7628, 1.2841



2.2550, 1.3955, 0.1505

Inverse Universe

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



39.6523, 50.0545, 102.1784



38.4820, 48.0840, 101.8607



21.5598, 13.8694, 96.1476



18.1968, 19.7651, 23.1059



20.2230, 25.3556, 53.2628



2.0487, 2.6280, 5.2126

Previews

White Background



This preview shows how the XYZ color 43.5393, 25.6840, 3.2350 looks on a white background.

Color Contrast Check

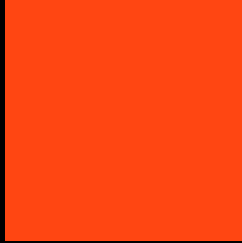
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5393, 25.6840, 3.2350 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 43.5393, 25.6840, 3.2350

Background



This preview shows how black text looks on a background with the XYZ color 43.5393, 25.6840, 3.2350.



This preview shows how white text looks on a background with the XYZ color 43.5393, 25.6840,

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

43.5393, 25.6840, 3.2350

Protanopia

23.2614, 25.6605, 5.3960

Deuteranopia

25.9305, 25.6165, 3.5778



Tritanopia

44.3213, 25.7040, 8.2556

Trichromacy



Original Color

43.5393, 25.6840, 3.2350

Protanomaly

27.9773, 23.3298, 4.1909

Deuteranomaly

30.4088, 23.7900, 3.1902

Tritanomaly

43.8828, 25.6245, 5.6508

Monochromacy



Original Color

43.5393, 25.6840, 3.2350

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.3251, 18.2414, 10.3269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5393, 25.6840, 3.2350 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, 70, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 18)  
}
```

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, 70, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 18) }
```

Border

The CSS property to change the border of an element to XYZ 43.5393, 25.6840, 3.2350 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, 70, 18) }
```


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

```
.border{ border-color:rgb(255, 70, 18) }
```

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

Here you see how a box with a 4 pixel rgb(255, 70, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5393, 25.6840, 3.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 18) }
```

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

```
.background{ background-color: rgb(255, 70,  
18) }
```

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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