

Converting Colors

XYZ(43.4337, 25.5025, 3.1082)

Have a look what the booklet for
XYZ(43.4337, 25.5025, 3.1082)
contains.

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Color

**XYZ(43.4616, 25.5537,
3.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4510
RGB	255, 69, 16
RGB Percent	100%, 27%, 6%
CMY	0.0000, 0.7294, 0.9372
CMYK	0.00, 0.73, 0.94, 0.00
HSL	13°, 100%, 53%
HSV	13°, 94%, 100%
XYZ	43.4616, 25.5537, 3.1319
YIQ	118.5720, 127.8690, 22.9490

Conversions

Conversions Part 2

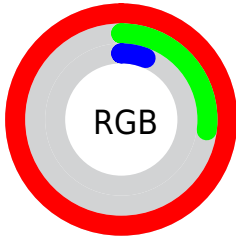
Format	Color
R_{YB}	255, 84, 16
Decimal	16729360
CIE _{Lab}	57.61, 67.92, 65.64
CIE _{LCh}	58, 94.450, 44.022
Yxy	25.5537, 0.6024, 0.3542
Android (android.graphics.Color)	4294919440 (0xFFFF4510)
YUV	118.5720, -50.5680, 119.6474
Hunter-Lab	50.5507, 65.0040, 31.7121

Details

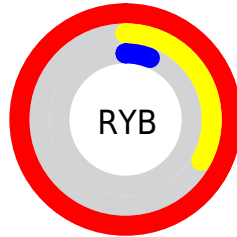
The XYZ color **43.4616, 25.5537, 3.1319** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **39.3810, 49.5651, 102.0982**, and the grayscale version is **17.5276, 18.4404, 20.0816**.

A 20% lighter version of the original color is **50.2276, 37.4154, 10.5359**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.6811, 24.1428, 2.4105**, and if you desaturate by 10%, it is **45.2093, 28.5446, 5.2710**.

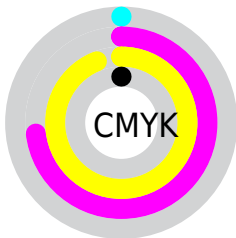
Distribution



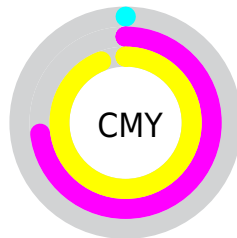
- Red (100%)
- Green (27%)
- Blue (6%)



- Red (100%)
- Yellow (33%)
- Blue (6%)



- Cyan (0%)
- Magenta (73%)
- Yellow (94%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4616, 25.5537, 3.1319 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 43.4616, 25.5537, 3.1319 by changing the saturation by 10% instead.


 43.4616, 25.5537,
3.1319

 43.4616, 25.5537,
3.1319


351.3961,
280.5843, 138.0232


 30.4435, 16.4901,
1.1624


 79.6583, 52.5541,
11.9522

 20.3252, 9.8716,
0.0000


 103.5678, 71.2596,
19.6401

 12.7413, 5.3139,
0.0000


 131.8383, 93.9479,
30.0711

 7.3264, 2.4326,
0.0000

 164.8354,
121.0033, 43.6639

 3.7152, 0.8426,
0.0000

 202.9244,
152.8102, 60.8370

 1.5423, 0.0000,
0.0000

 246.4706,


 0.3544, 0.0000,


189.7531, 82.0089


0.0000


 295.8394,
232.2163, 107.5981


 0.0000, 0.0000,
0.0000


 43.4616, 25.5537,
3.1319


 43.4616, 25.5537,
3.1319


 42.6811, 24.1428,
2.4105

 45.2093, 28.5446,
5.2710

 47.6897, 32.5389,
9.0777

 50.9840, 37.6225,
14.8155

 55.1609, 43.8701,
22.7008

 60.2814, 51.3498,
32.9209

66.4009, 60.1239,
45.6426

73.5703, 70.2506,
61.0173

81.8368, 81.7846,
79.1843

91.2449, 94.7773,
100.2732

Harmonies

Analogous

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



51.9946, 25.5537, 15.3236



43.4616, 25.5537, 3.1319



30.7613, 25.5537, 0.5962

Triad

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



43.4616, 25.5537, 3.1319



8.8341, 25.5537, 13.9878



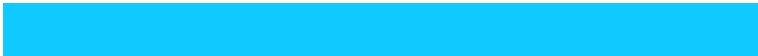
29.9315, 25.5537, 142.0791

Complementary

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



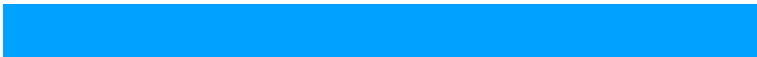
43.4616, 25.5537, 3.1319



39.3810, 49.5651, 102.0982

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.



18.7932, 25.5537, 140.4574



43.4616, 25.5537, 3.1319



8.7368, 25.5537, 45.7514

Square

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



43.4616, 25.5537, 3.1319



12.1180, 25.5537, 2.7951



11.7916, 25.5537, 97.1657



42.6943, 25.5537, 100.6590

Rectangle

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



43.4616, 25.5537, 3.1319



22.7983, 25.5537, 0.3574



11.7916, 25.5537, 97.1657



25.8413, 25.5537, 147.1738

Sweetspot

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



43.4621, 25.5553, 3.1323



70.3740, 65.7523, 54.1102



52.2302, 25.9526, 58.8917



14.4151, 13.1567, 10.1981



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.



43.4621, 25.5553, 3.1323



42.6815, 24.1431, 2.4105



59.1636, 56.9582, 8.3661



18.3361, 18.6403, 18.7759



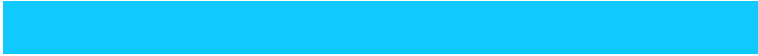
22.3918, 12.7948, 1.2895



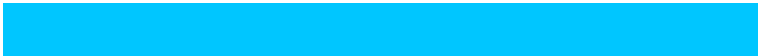
2.2571, 1.3995, 0.1512

Inverse Universe

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



39.3810, 49.5651, 102.0982



38.3444, 47.8089, 101.8148



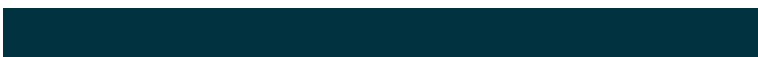
21.4121, 13.6271, 96.1085



18.1930, 19.7576, 23.1047



20.1519, 25.2133, 53.2391



2.0423, 2.6153, 5.2104

Previews

White Background



This preview shows how the XYZ color 43.4616, 25.5537, 3.1319 looks on a white background.

Color Contrast Check

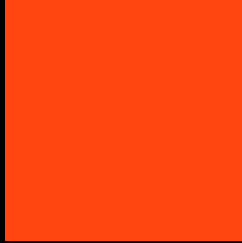
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4616, 25.5537, 3.1319 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 43.4616, 25.5537, 3.1319

Background



This preview shows how black text looks on a background with the XYZ color 43.4616, 25.5537, 3.1319.



This preview shows how white text looks on a background with the XYZ color 43.4616, 25.5537,

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

43.4616, 25.5537, 3.1319

Protanopia

23.2317, 25.6487, 5.2396

Deuteranopia

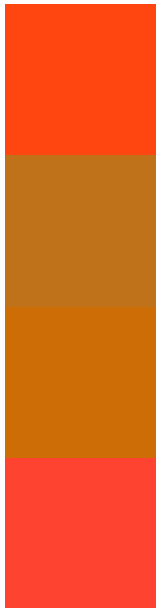
25.9305, 25.6165, 3.5778



Tritanopia

44.2316, 25.5738, 8.0738

Trichromacy



Original Color

43.4616, 25.5537, 3.1319

Protanomaly

27.9534, 23.3202, 4.0649

Deuteranomaly

30.4034, 23.7878, 3.1614

Tritanomaly

43.8015, 25.4961, 5.5184

Monochromacy



Original Color

43.4616, 25.5537, 3.1319

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 43.4616, 25.5537, 3.1319 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, 69, 16)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 16)  
}
```

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, 69, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 16) }
```

Border

The CSS property to change the border of an element to XYZ 43.4616, 25.5537, 3.1319 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, 69, 16) }
```


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

```
.border{ border-color:rgb(255, 69, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 16);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4616, 25.5537, 3.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 16) }
```

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

```
.background{ background-color: rgb(255, 69,  
16) }
```

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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