

Converting Colors

XYZ(43.6328, 25.5058, 4.3920)

Have a look what the booklet for
XYZ(43.6328, 25.5058, 4.3920)
contains.

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Color

**XYZ(43.6411, 25.5278,
4.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4425
RGB	255, 68, 37
RGB Percent	100%, 27%, 15%
CMY	0.0000, 0.7333, 0.8549
CMYK	0.00, 0.73, 0.85, 0.00
HSL	9°, 100%, 57%
HSV	9°, 85%, 100%
XYZ	43.6411, 25.5278, 4.3775
YIQ	120.3790, 121.4030, 30.0030

Conversions

Conversions Part 2

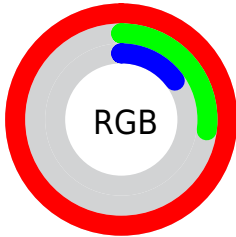
Format	Color
R_{YB}	255, 73, 37
Decimal	16729125
CIE Lab	57.59, 68.55, 58.36
CIE LCh	58, 90.029, 40.407
Yxy	25.5278, 0.5934, 0.3471
Android (android.graphics.Color)	4294919205 (0xFFFF4425)
YUV	120.3790, -41.1058, 118.0626
Hunter-Lab	50.5250, 65.7609, 30.2306

Details

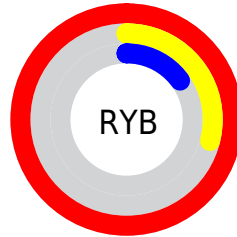
The XYZ color **43.6411, 25.5278, 4.3775** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **45.4651, 60.9177, 103.9692**, and the grayscale version is **18.0763, 19.0177, 20.7103**.

A 20% lighter version of the original color is **50.6795, 37.3865, 13.5620**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.2856, 23.2503, 2.5911**, and if you desaturate by 10%, it is **45.7696, 28.9063, 7.7971**.

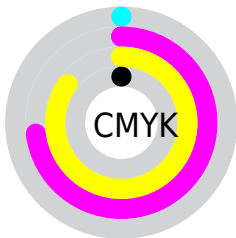
Distribution



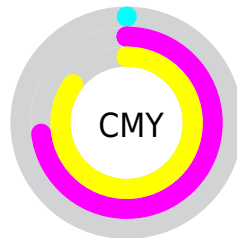
- Red (100%)
- Green (27%)
- Blue (15%)



- Red (100%)
- Yellow (29%)
- Blue (15%)



- Cyan (0%)
- Magenta (73%)
- Yellow (85%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6411, 25.5278, 4.3775 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 43.6411, 25.5278, 4.3775 by changing the saturation by 10% instead.


 43.6411, 25.5278,
4.3775


 43.6411, 25.5278,
4.3775


352.1187,
280.4563, 152.3332


 30.5852, 16.4707,
1.8346


 79.9271, 52.5122,
14.8714


 20.4334, 9.8579,
0.4507


 103.8879, 71.2083,
23.6596


 12.8206, 5.3048,
0.0000


 132.2143, 93.8862,
35.3666

 7.3813, 2.4272,
0.0000

 165.2717,
120.9302, 50.4110

 3.7501, 0.8398,
0.0000

 203.4255,
152.7249, 69.2113

 1.5618, 0.0000,
0.0000

 247.0411,

 0.3673, 0.0000,

189.6545, 92.1861

0.0000

296.4837,
232.1035, 119.7538

■ 0.0000, 0.0000,
0.0000

■ 43.6411, 25.5278,
4.3775

■ 43.6411, 25.5278,
4.3775

■ 42.2856, 23.2503,
2.5911

■ 45.7696, 28.9063,
7.7971

■ 41.8790, 22.5384,
2.1431

■ 48.7688, 33.4996,
13.1285

■ 52.7228, 39.4117,
20.5996

■ 57.7053, 46.7345,
30.4058

■ 63.7823, 55.5511,
42.7205

71.0146, 65.9386,
57.7004

79.4582, 77.9683,
75.4896

89.1654, 91.7074,
96.2216

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



50.7853, 25.5278, 18.4185



43.6411, 25.5278, 4.3775



31.8722, 25.5278, 1.0124

Triad

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



43.6411, 25.5278, 4.3775



9.5399, 25.5278, 12.3002



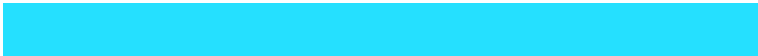
28.1901, 25.5278, 136.0603

Complementary

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



43.6411, 25.5278, 4.3775



45.4651, 60.9177, 103.9692

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.



17.9736, 25.5278, 129.1107



43.6411, 25.5278, 4.3775



9.0876, 25.5278, 39.9124

Square

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



43.6411, 25.5278, 4.3775



13.1838, 25.5278, 2.6996



11.6863, 25.5278, 86.4979



40.2711, 25.5278, 101.5823

Rectangle

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



43.6411, 25.5278, 4.3775



24.1170, 25.5278, 0.6474



11.6863, 25.5278, 86.4979



24.4104, 25.5278, 138.8814

Sweetspot

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



43.6417, 25.5293, 4.3779



70.6170, 65.3695, 56.8692



55.6196, 28.0704, 74.3899



14.5545, 13.1887, 11.0057



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.



43.6417, 25.5293, 4.3779



41.8793, 22.5385, 2.1431



56.9167, 52.0794, 8.8029



18.2178, 18.4037, 18.7364



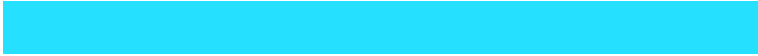
21.9455, 11.9022, 1.1407



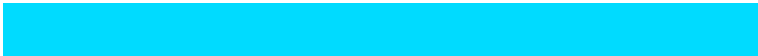
2.1966, 1.2785, 0.1310

Inverse Universe

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



45.4651, 60.9177, 103.9692



43.3096, 57.7391, 103.4699



25.1665, 20.3205, 97.2030



18.3216, 20.0149, 23.1476



22.7147, 30.3389, 54.0934



2.2694, 3.0695, 5.2861

Previews

White Background



This preview shows how the XYZ color 43.6411, 25.5278, 4.3775 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 43.6411, 25.5278, 4.3775 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 43.6411, 25.5278, 4.3775

Background



This preview shows how black text looks on a background with the XYZ color 43.6411, 25.5278, 4.3775.



This preview shows how white text looks on a background with the XYZ color 43.6411, 25.5278,

4.3775.

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

43.6411, 25.5278, 4.3775

Protanopia

23.4398, 25.7096, 7.3415

Deuteranopia

25.7955, 25.3466, 3.5328



Tritanopia

44.2316, 25.5738, 8.0738

Trichromacy



Original Color

43.6411, 25.5278, 4.3775

Protanomaly

27.9245, 23.1000, 5.7833

Deuteranomaly

30.3370, 23.5916, 3.3355

Tritanomaly

43.9857, 25.5697, 6.4880

Monochromacy



Original Color

43.6411, 25.5278, 4.3775

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

22.8613, 18.4806, 12.0350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6411, 25.5278, 4.3775 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, 68, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 37)  
}
```

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, 68, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 37) }
```

Border

The CSS property to change the border of an element to XYZ 43.6411, 25.5278, 4.3775 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, 68, 37) }
```


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

```
.border{ border-color:rgb(255, 68, 37) }
```

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

Here you see how a box with a 4 pixel rgb(255, 68, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6411, 25.5278, 4.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 37) }
```

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

```
.background{ background-color: rgb(255, 68,  
37) }
```

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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