

Converting Colors

XYZ(43.6712, 25.3364, 5.1633)

Have a look what the booklet for
XYZ(43.6712, 25.3364, 5.1633)
contains.

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Color

**XYZ(43.6814, 25.3537,
5.1763)**

Conversions

Conversions Part 1

Format	Color
Hex	FF422E
RGB	255, 66, 46
RGB Percent	100%, 26%, 18%
CMY	0.0000, 0.7411, 0.8196
CMYK	0.00, 0.74, 0.82, 0.00
HSL	6°, 100%, 59%
HSV	6°, 82%, 100%
XYZ	43.6814, 25.3537, 5.1763
YIQ	120.2310, 119.0640, 33.8480

Conversions

Conversions Part 2

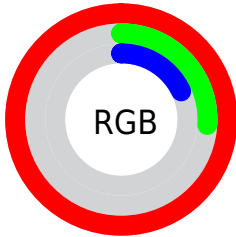
Format	Color
R_{YB}	255, 68, 46
Decimal	16728622
CIE _{Lab}	57.42, 69.39, 54.13
CIE _{LCh}	57, 88.011, 37.956
Yxy	25.3537, 0.5886, 0.3416
Android (android.graphics.Color)	4294918702 (0xFFFF422E)
YUV	120.2310, -36.5959, 118.1924
Hunter-Lab	50.3525, 66.7342, 29.1516

Details

The XYZ color **43.6814, 25.3537, 5.1763** 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 **48.8811, 67.2097, 105.0036**, and the grayscale version is **18.0153, 18.9535, 20.6404**.

A 20% lighter version of the original color is **50.8949, 37.2650, 15.3369**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.2328, 23.0367, 2.9061**, and if you desaturate by 10%, it is **45.9716, 28.8781, 9.1970**.

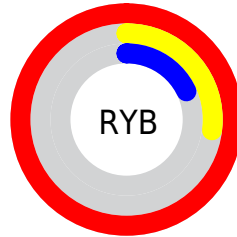
Distribution



Red (100%)

Green (26%)

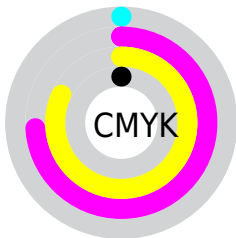
Blue (18%)



Red (100%)

Yellow (27%)

Blue (18%)

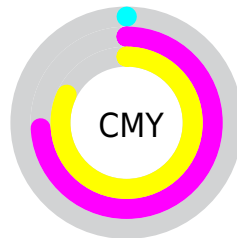


Cyan (0%)

Magenta (74%)

Yellow (82%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6814, 25.3537, 5.1763 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 43.6814, 25.3537, 5.1763 by changing the saturation by 10% instead.

 43.6814, 25.3537,
5.1763


 43.6814, 25.3537,
5.1763


352.2808,
279.5948, 160.5189


 30.6169, 16.3408,
2.2905


 79.9874, 52.2304,
16.6428

 20.4577, 9.7656,
0.7259


 103.9597, 70.8631,
26.0605

 12.8384, 5.2438,
0.0000


 132.2987, 93.4710,
38.4927

 7.3936, 2.3910,
0.0000

 165.3697,
120.4387, 54.3579

 3.7580, 0.8213,
0.0000

 203.5380,
152.1506, 74.0745

 1.5661, 0.0000,
0.0000

 247.1691,

 0.3702, 0.0000,

188.9909, 98.0612

0.0000

296.6282,
231.3442, 126.7365

■ 0.0000, 0.0000,
0.0000

■ 43.6814, 25.3537,
5.1763

■ 43.6814, 25.3537,
5.1763

■ 42.2328, 23.0367,
2.9061

■ 45.9716, 28.8781,
9.1970

■ 41.5750, 21.9305,
2.0418

■ 49.2061, 33.7401,
15.2286

■ 53.4741, 40.0581,
23.4892

■ 58.8541, 47.9361,
34.1681

■ 65.4171, 57.4684,
47.4345

73.2279, 68.7420,
63.4425

82.3468, 81.8379,
82.3339

92.8300, 96.8316,
104.2409

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.



49.9982, 25.3537, 20.3783



43.6814, 25.3537, 5.1763



32.4590, 25.3537, 1.2408

Triad

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



43.6814, 25.3537, 5.1763



9.8532, 25.3537, 11.1435



26.9893, 25.3537, 132.9141

Complementary

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



43.6814, 25.3537, 5.1763



48.8811, 67.2097, 105.0036

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.



17.3121, 25.3537, 122.7620



43.6814, 25.3537, 5.1763



9.1667, 25.3537, 36.3675

Square

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



43.6814, 25.3537, 5.1763



13.7264, 25.3537, 2.5456



11.4672, 25.3537, 80.3255



38.7000, 25.3537, 102.4461

Rectangle

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



43.6814, 25.3537, 5.1763



24.8222, 25.3537, 0.7720



11.4672, 25.3537, 80.3255



23.3879, 25.3537, 134.3954

Sweetspot

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



43.6820, 25.3552, 5.1767



70.7184, 65.1263, 58.2780



57.5881, 29.3625, 83.2002



14.5474, 13.0894, 11.2661



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.



43.6820, 25.3552, 5.1767



41.7080, 22.1514, 2.2238



55.7202, 49.4317, 9.1894



18.1492, 18.2666, 18.7136



21.7702, 11.5517, 1.0823



2.1644, 1.2141, 0.1203

Inverse Universe

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



48.8811, 67.2097, 105.0036



46.7095, 64.4442, 104.5849



27.5757, 24.5989, 97.9018



18.3974, 20.1665, 23.1728



24.3629, 33.6354, 54.6428



2.4136, 3.3578, 5.3342

Previews

White Background



This preview shows how the XYZ color 43.6814, 25.3537, 5.1763 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 43.6814, 25.3537, 5.1763 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 43.6814, 25.3537, 5.1763

Background



This preview shows how black text looks on a background with the XYZ color 43.6814, 25.3537, 5.1763.



This preview shows how white text looks on a background with the XYZ color 43.6814, 25.3537,

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

43.6814, 25.3537, 5.1763

Protanopia

23.1795, 25.3309, 8.6687

Deuteranopia

25.7583, 25.3059, 4.5042



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

43.6814, 25.3537, 5.1763

Protanomaly

27.7931, 22.8410, 6.9469

Deuteranomaly

30.1608, 23.3217, 4.3507

Tritanomaly

43.9197, 25.3564, 6.7171

Monochromacy



Original Color

43.6814, 25.3537, 5.1763

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

22.8951, 18.3397, 12.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6814, 25.3537, 5.1763 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, 66, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 46)  
}
```

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, 66, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 46) }
```

Border

The CSS property to change the border of an element to XYZ 43.6814, 25.3537, 5.1763 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, 66, 46) }
```


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

```
.border{ border-color:rgb(255, 66, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6814, 25.3537, 5.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 46) }
```

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

```
.background{ background-color: rgb(255, 66,  
46) }
```

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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