

Converting Colors

XYZ(43.3413, 24.5061, 5.5790)

Have a look what the booklet for
XYZ(43.3413, 24.5061, 5.5790)
contains.

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Color

**XYZ(43.3506, 24.5251,
5.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3A33
RGB	255, 58, 51
RGB Percent	100%, 23%, 20%
CMY	0.0000, 0.7725, 0.8000
CMYK	0.00, 0.77, 0.80, 0.00
HSL	2°, 100%, 60%
HSV	2°, 80%, 100%
XYZ	43.3506, 24.5251, 5.5810
YIQ	116.1050, 119.6590, 39.5870

Conversions

Conversions Part 2

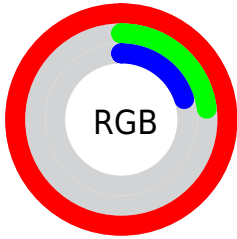
Format	Color
R_{YB}	255, 58, 51
Decimal	16726579
CIE Lab	56.61, 71.90, 50.90
CIE LCh	57, 88.095, 35.292
Yxy	24.5251, 0.5902, 0.3339
Android (android.graphics.Color)	4294916659 (0xFFFF3A33)
YUV	116.1050, -32.0968, 121.8109
Hunter-Lab	49.5228, 69.5879, 27.9843

Details

The XYZ color **43.3506, 24.5251, 5.5810** 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 **52.9778, 75.0490, 106.3008**, and the grayscale version is **16.7044, 17.5743, 19.1384**.

A 20% lighter version of the original color is **50.3295, 35.8356, 16.0687**, and **21.0082, 10.8276, 1.0975** is the 20% darker color. If you saturate the color by 10%, you get **41.9755, 22.4419, 3.0677**, and if you desaturate by 10%, it is **45.6274, 27.9201, 9.9135**.

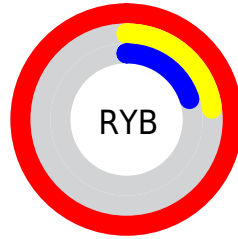
Distribution



Red (100%)

Green (23%)

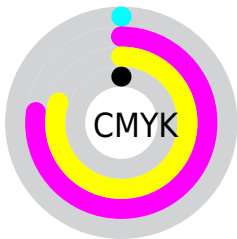
Blue (20%)



Red (100%)

Yellow (23%)

Blue (20%)

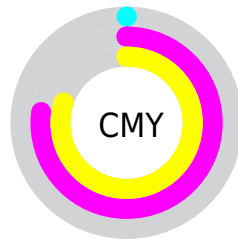


Cyan (0%)

Magenta (77%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3506, 24.5251, 5.5810 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 43.3506, 24.5251, 5.5810 by changing the saturation by 10% instead.


 43.3506, 24.5251,
5.5810


 43.3506, 24.5251,
5.5810


350.9488,
275.4646, 164.4452

 30.3560, 15.7236,
2.5274


 79.4921, 50.8857,
17.5172

 20.2584, 9.3288,
0.8546


 103.3697, 69.2137,
27.2369


 12.6924, 4.9562,
0.0000


 131.6057, 91.4859,
40.0157

 7.2926, 2.2216,
0.0000

 164.5654,
118.0867, 56.2722

 3.6937, 0.7317,
0.0000

 202.6142,
149.4006, 76.4248

 1.5303, 0.0000,
0.0000

 246.1175,

 0.3463, 0.0000,

185.8120, 100.8921

0.0000

295.4405,
227.7051, 130.0928

■ 0.0000, 0.0000,
0.0000

■ 43.3506, 24.5251,
5.5810

■ 43.3506, 24.5251,
5.5810

■ 41.9755, 22.4419,
3.0677

■ 45.6274, 27.9201,
9.9135

■ 41.3349, 21.4502,
1.9618

■ 48.9231, 32.7893,
16.3211

■ 41.3349, 21.4502,
1.9617

■ 53.3389, 39.2767,
25.0202

■ 58.9635, 47.5077,
36.1996

■ 65.8766, 57.5955,
50.0286

■ 74.1511, 69.6440,
66.6616

■ 83.8546, 83.7490,
86.2413

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



48.9171, 24.5251, 21.8342



43.3506, 24.5251, 5.5810



32.5441, 24.5251, 1.2535

Triad

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



43.3506, 24.5251, 5.5810



9.6112, 24.5251, 9.3915



25.1735, 24.5251, 131.3553

Complementary

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



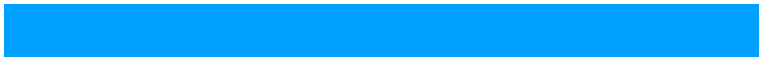
43.3506, 24.5251, 5.5810



52.9778, 75.0490, 106.3008

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.



16.0127, 24.5251, 117.6310



43.3506, 24.5251, 5.5810



8.6905, 24.5251, 32.2480

Square

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



43.3506, 24.5251, 5.5810



13.6872, 24.5251, 2.0591



10.6525, 24.5251, 74.3090



36.6324, 24.5251, 104.2045

Rectangle

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



43.3506, 24.5251, 5.5810



24.9635, 24.5251, 0.6855



10.6525, 24.5251, 74.3090



21.7319, 24.5251, 131.5003

Sweetspot

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



43.3511, 24.5266, 5.5814



70.6735, 64.5828, 59.6621



59.3978, 30.4173, 91.7096



14.5045, 12.9167, 11.5191



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.



43.3511, 24.5266, 5.5814



41.5223, 21.7353, 2.2998



54.3735, 46.5712, 9.2555



18.0594, 18.0871, 18.6836



21.6202, 11.2516, 1.0323



2.1219, 1.1292, 0.1061

Inverse Universe

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



52.9778, 75.0490, 106.3008



51.3108, 73.5521, 106.1004



29.7250, 28.5434, 98.5498



18.4982, 20.3679, 23.2064



26.7123, 38.3341, 55.4259



2.6170, 3.7647, 5.4020

Previews

White Background



This preview shows how the XYZ color 43.3506, 24.5251, 5.5810 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



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 43.3506, 24.5251, 5.5810

Background



This preview shows how black text looks on a background with the XYZ color 43.3506, 24.5251, 5.5810.



This preview shows how white text looks on a background with the XYZ color 43.3506, 24.5251,

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

43.3506, 24.5251, 5.5810

Protanopia

22.5844, 24.5734, 9.8561

Deuteranopia

24.9336, 24.4739, 4.9232



Tritanopia

43.4668, 24.4917, 6.4394

Trichromacy



Original Color

43.3506, 24.5251, 5.5810

Protanomaly

27.0557, 21.7981, 7.7825

Deuteranomaly

29.5904, 22.4103, 4.7735

Tritanomaly

43.3927, 24.4621, 6.0490

Monochromacy



Original Color

43.3506, 24.5251, 5.5810

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

21.9603, 17.1726, 12.2824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3506, 24.5251, 5.5810 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, 58, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 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, 58, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 51) }
```

Border

The CSS property to change the border of an element to XYZ 43.3506, 24.5251, 5.5810 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, 58, 51) }
```


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

```
.border{ border-color:rgb(255, 58, 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, 58, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3506, 24.5251, 5.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 51) }
```

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

```
.background{ background-color: rgb(255, 58,  
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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