

Converting Colors

XYZ(43.5754, 24.0883, 8.3887)

Have a look what the booklet for
XYZ(43.5754, 24.0883, 8.3887)
contains.

XYZ(43.5612, 24.0826, 8.3137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.5612, 24.0826,
8.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3347
RGB	255, 51, 71
RGB Percent	100%, 20%, 28%
CMY	0.0000, 0.7999, 0.7216
CMYK	0.00, 0.80, 0.72, 0.00
HSL	354°, 100%, 60%
HSV	354°, 80%, 100%
XYZ	43.5612, 24.0826, 8.3137
YIQ	114.2760, 115.1640, 49.4680

Conversions

Conversions Part 2

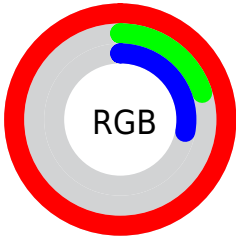
Format	Color
R_{YB}	255, 51, 71
Decimal	16724807
CIE _{Lab}	56.17, 74.42, 39.58
CIE _{LCh}	56, 84.293, 28.008
Yxy	24.0826, 0.5735, 0.3171
Android (android.graphics.Color)	4294914887 (0xFFFF3347)
YUV	114.2760, -21.3351, 123.4149
Hunter-Lab	49.0740, 72.5683, 24.3074

Details

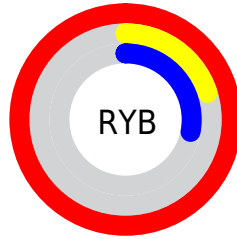
The XYZ color **43.5612, 24.0826, 8.3137** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **52.1238, 78.2230, 90.9616**, and the grayscale version is **16.1174, 16.9568, 18.4659**.

A 20% lighter version of the original color is **50.9915, 35.3386, 21.9028**, and **21.4330, 11.0263, 2.0355** is the 20% darker color. If you saturate the color by 10%, you get **42.1321, 22.1909, 4.8588**, and if you desaturate by 10%, it is **45.8806, 27.3087, 13.4432**.

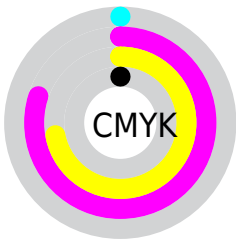
Distribution



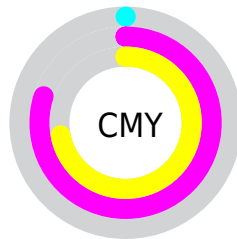
- Red (100%)
- Green (20%)
- Blue (28%)



- Red (100%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5612, 24.0826, 8.3137 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 43.5612, 24.0826, 8.3137 by changing the saturation by 10% instead.


 43.5612, 24.0826,
8.3137

 43.5612, 24.0826,
8.3137


351.7972,
273.2378, 188.1978


 30.5221, 15.3949,
4.2057


 79.8075, 50.1650,
23.1274

 20.3853, 9.0970,
1.7388


 103.7454, 68.3284,
34.6702


 12.7853, 4.8045,
0.3872


 132.0470, 90.4192,
49.5283

 7.3568, 2.1330,
0.0000


 165.0776,
116.8218, 68.1203

 3.7346, 0.6831,
0.0000

 203.2025,
147.9206, 90.8647

 1.5531, 0.0000,
0.0000

246.7872,

 0.3615, 0.0000,

184.0999, 118.1800

0.0000

296.1970,
225.7442, 150.4849

■ 0.0000, 0.0000,
0.0000

■ 43.5612, 24.0826,
8.3137

■ 43.5612, 24.0826,
8.3137

■ 42.1321, 22.1909,
4.8588

■ 45.8806, 27.3087,
13.4432

■ 41.4154, 21.3305,
2.8539

■ 49.2041, 32.0507,
20.4240

■ 41.4150, 21.3300,
2.8529

■ 53.6303, 38.4664,
29.4115

■ 59.2456, 46.6929,
40.5443

■ 66.1274, 56.8528,
53.9484

■ 74.3470, 69.0582,
69.7405

■ 83.9701, 83.4125,
88.0289

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



46.9762, 24.0826, 28.1179



43.5612, 24.0826, 8.3137



34.2307, 24.0826, 2.0195

Triad

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



43.5612, 24.0826, 8.3137



10.4575, 24.0826, 6.9096



22.2492, 24.0826, 123.6719

Complementary

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



43.5612, 24.0826, 8.3137



52.1238, 78.2230, 90.9616

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.



14.3792, 24.0826, 102.3581



43.5612, 24.0826, 8.3137



8.8751, 24.0826, 24.4131

Square

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



43.5612, 24.0826, 8.3137



15.2166, 24.0826, 1.7025



10.0786, 24.0826, 60.0516



32.7868, 24.0826, 107.0186

Rectangle

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



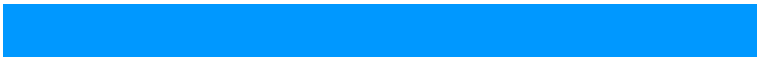
43.5612, 24.0826, 8.3137



26.9775, 24.0826, 1.0068



10.0786, 24.0826, 60.0516



19.2373, 24.0826, 120.5192

Sweetspot

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



43.5617, 24.0841, 8.3141



70.8887, 63.9152, 63.1188



53.3640, 27.1836, 97.0416



14.5547, 12.7625, 12.3206



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.



43.5617, 24.0841, 8.3141



41.6421, 21.5980, 3.5011



50.1720, 38.1677, 7.8568



18.0816, 18.0160, 19.0471



21.6641, 11.1549, 1.6156



2.1323, 1.0953, 0.2784

Inverse Universe

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



43.5617, 24.0841, 8.3141



41.6421, 21.5980, 3.5011



34.4378, 37.9677, 100.1206



18.0816, 18.0160, 19.0471



21.6641, 11.1549, 1.6156



2.1323, 1.0953, 0.2784

Previews

White Background



This preview shows how the XYZ color 43.5612, 24.0826, 8.3137 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 43.5612, 24.0826, 8.3137

Background



This preview shows how black text looks on a background with the XYZ color 43.5612, 24.0826, 8.3137.



This preview shows how white text looks on a background with the XYZ color 43.5612, 24.0826,

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

43.5612, 24.0826, 8.3137

Protanopia

22.6413, 24.2678, 15.5474

Deuteranopia

24.4449, 23.9696, 7.4759



Tritanopia

43.2488, 24.1742, 6.0010

Trichromacy



Original Color

43.5612, 24.0826, 8.3137

Protanomaly

26.7611, 20.9362, 12.0818

Deuteranomaly

29.0076, 21.6153, 7.3459

Tritanomaly

43.3554, 24.1431, 6.7899

Monochromacy



Original Color

43.5612, 24.0826, 8.3137

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

21.4627, 16.3633, 13.5825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5612, 24.0826, 8.3137 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, 51, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 71)  
}
```

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, 51, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 71) }
```

Border

The CSS property to change the border of an element to XYZ 43.5612, 24.0826, 8.3137 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, 51, 71) }
```


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

```
.border{ border-color:rgb(255, 51, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5612, 24.0826, 8.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 71) }
```

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

```
.background{ background-color: rgb(255, 51,  
71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor