

Converting Colors

XYZ(43.5031, 23.8859, 8.5423)

Have a look what the booklet for
XYZ(43.5031, 23.8859, 8.5423)
contains.

XYZ(43.4996, 23.8549, 8.6151)	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(43.4996, 23.8549,
8.6151)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3049
RGB	255, 48, 73
RGB Percent	100%, 19%, 29%
CMY	0.0000, 0.8117, 0.7137
CMYK	0.00, 0.81, 0.71, 0.00
HSL	353°, 100%, 59%
HSV	353°, 81%, 100%
XYZ	43.4996, 23.8549, 8.6151
YIQ	112.7430, 115.3470, 51.6590

Conversions

Conversions Part 2

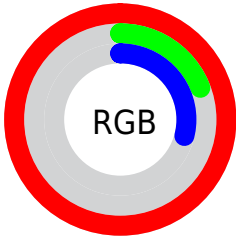
Format	Color
R_{YB}	255, 48, 73
Decimal	16724041
CIE Lab	55.94, 75.22, 38.18
CIE LCh	56, 84.355, 26.909
Yxy	23.8549, 0.5726, 0.3140
Android (android.graphics.Color)	4294914121 (0xFFFF3049)
YUV	112.7430, -19.5933, 124.7594
Hunter-Lab	48.8415, 73.5046, 23.7309

Details

The XYZ color **43.4996, 23.8549, 8.6151** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **51.2650, 77.8627, 87.2028**, and the grayscale version is **15.6546, 16.4698, 17.9356**.

A 20% lighter version of the original color is **50.8836, 34.9266, 22.4720**, and **21.4570, 11.0359, 2.1616** is the 20% darker color. If you saturate the color by 10%, you get **42.1250, 22.0891, 5.1268**, and if you desaturate by 10%, it is **45.7414, 26.9273, 13.7141**.

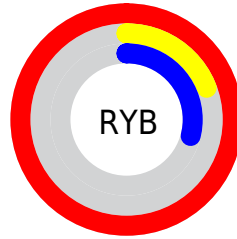
Distribution



Red (100%)

Green (19%)

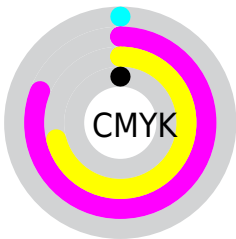
Blue (29%)



Red (100%)

Yellow (19%)

Blue (29%)

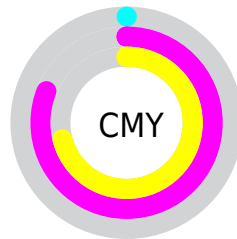


Cyan (0%)

Magenta (81%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4996, 23.8549, 8.6151 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 43.4996, 23.8549, 8.6151 by changing the saturation by 10% instead.

 43.4996, 23.8549,
8.6151


 43.4996, 23.8549,
8.6151


351.5491,
272.0861, 190.5911


 30.4735, 15.2260,
4.3976


 79.7153, 49.7933,
23.7215

 20.3481, 8.9782,
1.8459


 103.6355, 67.8716,
35.4475


 12.7581, 4.7269,
0.4580


 131.9180, 89.8686,
50.5135

 7.3380, 2.0880,
0.0000

 164.9278,
116.1685, 69.3379

 3.7226, 0.6578,
0.0000

 203.0305,
147.1558, 92.3394

 1.5464, 0.0000,
0.0000

246.5914,

 0.3571, 0.0000,

183.2149, 119.9363

0.0000

295.9758,
224.7302, 152.5474

■ 0.0000, 0.0000,
0.0000

■ 43.4996, 23.8549,
8.6151

■ 43.4996, 23.8549,
8.6151

■ 42.1250, 22.0891,
5.1268

■ 45.7414, 26.9273,
13.7141

■ 41.4842, 21.3577,
3.2170

■ 48.9642, 31.4914,
20.5890

■ 53.2659, 37.7068,
29.3850

■ 58.7321, 45.7116,
40.2322

■ 65.4396, 55.6294,
53.2491

73.4585, 67.5728,
68.5452

82.8540, 81.6455,
86.2226

93.6865, 97.9443,
106.3770

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.



46.6233, 23.8549, 28.9374



43.4996, 23.8549, 8.6151



34.3504, 23.8549, 2.0684

Triad

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



43.4996, 23.8549, 8.6151



10.4357, 23.8549, 6.4546



21.6902, 23.8549, 122.9579

Complementary

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



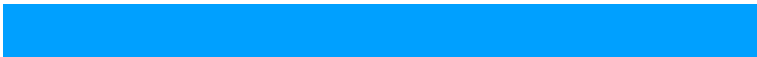
43.4996, 23.8549, 8.6151



51.2650, 77.8627, 87.2028

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.



13.9971, 23.8549, 100.4722



43.4996, 23.8549, 8.6151



8.7612, 23.8549, 23.2200

Square

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



43.4996, 23.8549, 8.6151



15.2878, 23.8549, 1.5833



9.8522, 23.8549, 58.0961



32.1209, 23.8549, 107.6792

Rectangle

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



43.4996, 23.8549, 8.6151



27.1279, 23.8549, 0.9994



9.8522, 23.8549, 58.0961



18.7353, 23.8549, 119.3288

Sweetspot

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



43.5001, 23.8564, 8.6154



71.0519, 63.9804, 63.9782



50.9131, 25.7317, 96.8906



14.5927, 12.7777, 12.5208



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.



43.5001, 23.8564, 8.6154



41.6649, 21.5628, 3.7581



48.9703, 35.8666, 7.1402



18.0985, 18.0227, 19.1361



21.7043, 11.1710, 1.8273



2.1403, 1.0985, 0.3202

Inverse Universe

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



43.5001, 23.8564, 8.6154



41.6649, 21.5628, 3.7581



35.4112, 40.1317, 100.4871



18.0985, 18.0227, 19.1361



21.7043, 11.1710, 1.8273



2.1403, 1.0985, 0.3202

Previews

White Background



This preview shows how the XYZ color 43.4996, 23.8549, 8.6151 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 43.4996, 23.8549, 8.6151

Background



This preview shows how black text looks on a background with the XYZ color 43.4996, 23.8549, 8.6151.



This preview shows how white text looks on a background with the XYZ color 43.4996, 23.8549,

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

43.4996, 23.8549, 8.6151

Protanopia

22.4749, 23.9588, 16.2719

Deuteranopia

24.2874, 23.8823, 7.7445



Tritanopia

42.7209, 23.7747, 5.5862

Trichromacy



Original Color

43.4996, 23.8549, 8.6151

Protanomaly

26.5492, 20.6635, 12.7144

Deuteranomaly

28.7047, 21.3111, 7.6016

Tritanomaly

42.8725, 23.7647, 6.6024

Monochromacy



Original Color

43.4996, 23.8549, 8.6151

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

21.2940, 16.0259, 13.5263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4996, 23.8549, 8.6151 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, 48, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 73)  
}
```

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, 48, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 73) }
```

Border

The CSS property to change the border of an element to XYZ 43.4996, 23.8549, 8.6151 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, 48, 73) }
```


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

```
.border{ border-color:rgb(255, 48, 73) }
```

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

Here you see how a box with a 4 pixel rgb(255, 48, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4996, 23.8549, 8.6151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 73) }
```

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

```
.background{ background-color: rgb(255, 48,  
73) }
```

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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