

Converting Colors

XYZ(43.1838, 24.5127, 4.5351)

Have a look what the booklet for
XYZ(43.1838, 24.5127, 4.5351)
contains.

XYZ(43.2042, 24.5480, 4.5589)	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(43.2042, 24.5480,
4.5589)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B29
RGB	255, 59, 41
RGB Percent	100%, 23%, 16%
CMY	0.0000, 0.7686, 0.8392
CMYK	0.00, 0.77, 0.84, 0.00
HSL	5°, 100%, 58%
HSV	5°, 84%, 100%
XYZ	43.2042, 24.5480, 4.5589
YIQ	115.5520, 122.5940, 35.9540

Conversions

Conversions Part 2

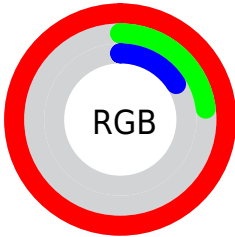
Format	Color
R_{YB}	255, 61, 41
Decimal	16726825
CIE Lab	56.63, 71.37, 55.78
CIE LCh	57, 90.584, 38.008
Yxy	24.5480, 0.5975, 0.3395
Android (android.graphics.Color)	4294916905 (0xFFFF3B29)
YUV	115.5520, -36.7541, 122.2959
Hunter-Lab	49.5459, 68.9471, 29.2267

Details

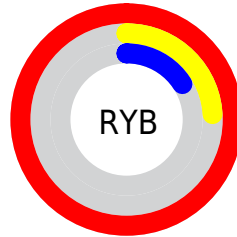
The XYZ color **43.2042, 24.5480, 4.5589** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **49.2439, 68.2504, 105.1853**, and the grayscale version is **16.5479, 17.4097, 18.9592**.

A 20% lighter version of the original color is **50.0450, 35.9173, 13.9679**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **41.9503, 22.5372, 2.6100**, and if you desaturate by 10%, it is **45.2831, 27.7495, 8.2015**.

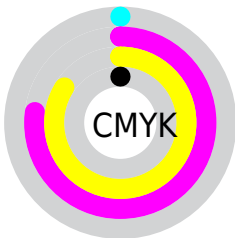
Distribution



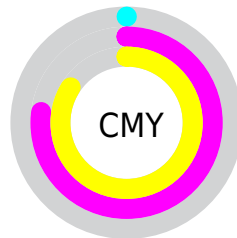
- Red (100%)
- Green (23%)
- Blue (16%)



- Red (100%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (84%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2042, 24.5480, 4.5589 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 43.2042, 24.5480, 4.5589 by changing the saturation by 10% instead.


 43.2042, 24.5480,
4.5589


 43.2042, 24.5480,
4.5589

350.3582,
275.5794, 154.2485


 30.2406, 15.7406,
1.9367


 79.2727, 50.9230,
15.2795


 20.1702, 9.3408,
0.5159


 103.1083, 69.2594,
24.2150


 12.6278, 4.9641,
0.0000


 131.2986, 91.5409,
36.0920

 7.2480, 2.2262,
0.0000

 164.2090,
118.1520, 51.3291

 3.6654, 0.7342,
0.0000

 202.2048,
149.4770, 70.3447

 1.5146, 0.0000,
0.0000

 245.6513,

 0.3358, 0.0000,

185.9003, 93.5575

0.0000

294.9140,
227.8063, 121.3859

■ 0.0000, 0.0000,
0.0000

■ 43.2042, 24.5480,
4.5589

■ 43.2042, 24.5480,
4.5589

■ 41.9503, 22.5372,
2.6100

■ 45.2831, 27.7495,
8.2015

■ 41.5165, 21.8135,
2.0223

■ 48.2969, 32.2835,
13.8111

■ 52.3403, 38.2764,
21.6137

■ 57.4956, 45.8389,
31.8041

■ 63.8369, 55.0709,
44.5557

71.4319, 66.0640,
60.0257

80.3430, 78.9031,
78.3587

90.6287, 93.6677,
99.6891

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.



49.6825, 24.5480, 19.4348



43.2042, 24.5480, 4.5589



31.7676, 24.5480, 0.9542

Triad

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



43.2042, 24.5480, 4.5589



9.1406, 24.5480, 10.3606



26.2690, 24.5480, 135.1308

Complementary

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



43.2042, 24.5480, 4.5589



49.2439, 68.2504, 105.1853

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.



16.5401, 24.5480, 124.6486



43.2042, 24.5480, 4.5589



8.4743, 24.5480, 35.6511

Square

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



43.2042, 24.5480, 4.5589



12.9509, 24.5480, 2.1259



10.7360, 24.5480, 80.7164



38.1573, 24.5480, 103.4258

Rectangle

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



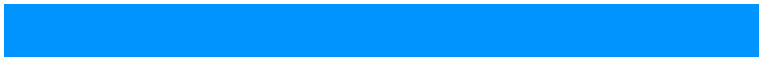
43.2042, 24.5480, 4.5589



24.0431, 24.5480, 0.4973



10.7360, 24.5480, 80.7164



22.6353, 24.5480, 136.6999

Sweetspot

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



43.2047, 24.5495, 4.5593



70.5509, 64.7913, 58.2221



57.3430, 28.9699, 82.8174



14.5087, 13.0120, 11.2532



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.



43.2047, 24.5495, 4.5593



41.5168, 21.8137, 2.0223



55.2458, 48.6317, 8.5730



18.1322, 18.2327, 18.7079



21.7356, 11.4824, 1.0707



2.1564, 1.1981, 0.1176

Inverse Universe

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



49.2439, 68.2504, 105.1853



47.3400, 65.8001, 104.8133



26.9692, 23.7010, 97.7604



18.4164, 20.2043, 23.1791



24.7906, 34.4909, 54.7854



2.4508, 3.4322, 5.3466

Previews

White Background



This preview shows how the XYZ color 43.2042, 24.5480, 4.5589 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 43.2042, 24.5480, 4.5589

Background



This preview shows how black text looks on a background with the XYZ color 43.2042, 24.5480, 4.5589.



This preview shows how white text looks on a background with the XYZ color 43.2042, 24.5480,

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

43.2042, 24.5480, 4.5589

Protanopia

22.4090, 24.5246, 7.9675

Deuteranopia

24.9428, 24.5029, 3.8304



Tritanopia

43.5168, 24.5916, 6.4561

Trichromacy



Original Color

43.2042, 24.5480, 4.5589

Protanomaly

27.0147, 21.8103, 6.2760

Deuteranomaly

29.4723, 22.5231, 3.6582

Tritanomaly

43.3729, 24.5340, 5.6984

Monochromacy



Original Color

43.2042, 24.5480, 4.5589

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

21.8317, 17.1212, 11.6053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2042, 24.5480, 4.5589 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, 59, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 41)  
}
```

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, 59, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 41) }
```

Border

The CSS property to change the border of an element to XYZ 43.2042, 24.5480, 4.5589 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, 59, 41) }
```


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

```
.border{ border-color:rgb(255, 59, 41) }
```

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

Here you see how a box with a 4 pixel rgb(255, 59, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2042, 24.5480, 4.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 41) }
```

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

```
.background{ background-color: rgb(255, 59,  
41) }
```

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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