

Converting Colors

XYZ(43.2019, 24.2277, 5.5314)

Have a look what the booklet for
XYZ(43.2019, 24.2277, 5.5314)
contains.

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Color

**XYZ(43.2037, 24.2314,
5.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3733
RGB	255, 55, 51
RGB Percent	100%, 22%, 20%
CMY	0.0000, 0.7842, 0.8000
CMYK	0.00, 0.78, 0.80, 0.00
HSL	1°, 100%, 60%
HSV	1°, 80%, 100%
XYZ	43.2037, 24.2314, 5.5320
YIQ	114.3440, 120.4840, 41.1560

Conversions

Conversions Part 2

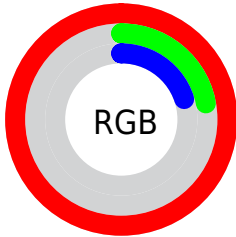
Format	Color
R_{YB}	255, 55, 51
Decimal	16725811
CIE _{Lab}	56.32, 72.72, 50.61
CIE _{LCh}	56, 88.602, 34.836
Yxy	24.2314, 0.5921, 0.3321
Android (android.graphics.Color)	4294915891 (0xFFFF3733)
YUV	114.3440, -31.2286, 123.3553
Hunter-Lab	49.2254, 70.5198, 27.7947

Details

The XYZ color **43.2037, 24.2314, 5.5320** 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 **53.9067, 76.9070, 106.6103**, and the grayscale version is **16.1655, 17.0074, 18.5210**.

A 20% lighter version of the original color is **50.0890, 35.3545, 15.9885**, and **21.0137, 10.8298, 1.1264** is the 20% darker color. If you saturate the color by 10%, you get **41.8853, 22.2617, 3.0376**, and if you desaturate by 10%, it is **45.4314, 27.5282, 9.8481**.

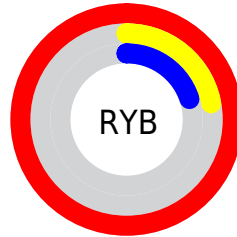
Distribution



Red (100%)

Green (22%)

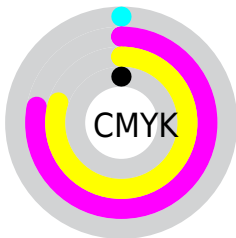
Blue (20%)



Red (100%)

Yellow (22%)

Blue (20%)

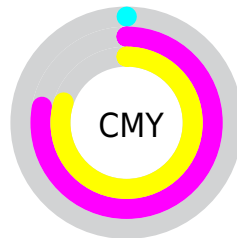


Cyan (0%)

Magenta (78%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2037, 24.2314, 5.5320 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 43.2037, 24.2314, 5.5320 by changing the saturation by 10% instead.


 43.2037, 24.2314,
5.5320


 43.2037, 24.2314,
5.5320

350.3561,
273.9883, 163.9768


 30.2402, 15.5054,
2.4985


 79.2720, 50.4075,
17.4121

 20.1699, 9.1748,
0.8394


 103.1074, 68.6264,
27.0958


 12.6276, 4.8554,
0.0000


 131.2976, 90.7784,
39.8333

 7.2479, 2.1627,
0.0000

 164.2078,
117.2479, 56.0431

 3.6653, 0.6995,
0.0000

 202.2034,
148.4192, 76.1438

 1.5146, 0.0000,
0.0000

 245.6497,

 0.3357, 0.0000,

184.6768, 100.5540

0.0000

294.9122,
226.4050, 129.6922

■ 0.0000, 0.0000,
0.0000

■ 43.2037, 24.2314,
5.5320

■ 43.2037, 24.2314,
5.5320

■ 41.8853, 22.2617,
3.0376

■ 45.4314, 27.5282,
9.8481

■ 41.2942, 21.3688,
1.9482

■ 48.6909, 32.3250,
16.2436

■ 41.2941, 21.3688,
1.9482

■ 53.0872, 38.7734,
24.9361

■ 58.7122, 47.0053,
36.1156

■ 65.6484, 57.1395,
49.9523

■ 73.9711, 69.2842,
66.6013

■ 83.7499, 83.5398,
86.2060

95.0496, 99.9998,
108.8999

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



48.6660, 24.2314, 21.9202



43.2037, 24.2314, 5.5320



32.4317, 24.2314, 1.1989

Triad

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



43.2037, 24.2314, 5.5320



9.4368, 24.2314, 8.9667



24.7270, 24.2314, 131.4771

Complementary

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



43.2037, 24.2314, 5.5320



53.9067, 76.9070, 106.6103

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.



15.6492, 24.2314, 117.0510



43.2037, 24.2314, 5.5320



8.4814, 24.2314, 31.4157

Square

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



43.2037, 24.2314, 5.5320



13.5357, 24.2314, 1.9098



10.3800, 24.2314, 73.3190



36.1698, 24.2314, 104.7087

Rectangle

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



43.2037, 24.2314, 5.5320



24.8443, 24.2314, 0.6193



10.3800, 24.2314, 73.3190



21.3086, 24.2314, 131.3955

Sweetspot

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



43.2042, 24.2329, 5.5323



70.4714, 64.1785, 59.5947



59.9307, 30.6304, 94.5163



14.4577, 12.8232, 11.5036



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.



43.2042, 24.2329, 5.5323



41.4670, 21.6246, 2.2813



53.7929, 45.4102, 9.0619



18.0381, 18.0443, 18.6765



21.5897, 11.1906, 1.0221



2.1118, 1.1089, 0.1027

Inverse Universe

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



53.9067, 76.9070, 106.6103



52.4192, 75.7688, 106.4698



30.2577, 29.6090, 98.7273



18.5224, 20.4164, 23.2145



27.3047, 39.5190, 55.6234



2.6680, 3.8666, 5.4190

Previews

White Background



This preview shows how the XYZ color 43.2037, 24.2314, 5.5320 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 43.2037, 24.2314, 5.5320

Background



This preview shows how black text looks on a background with the XYZ color 43.2037, 24.2314, 5.5320.



This preview shows how white text looks on a background with the XYZ color 43.2037, 24.2314,

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

43.2037, 24.2314, 5.5320

Protanopia

22.2610, 24.1985, 9.8008

Deuteranopia

24.5855, 24.0999, 4.8693



Tritanopia

43.2958, 24.2682, 6.0167

Trichromacy



Original Color

43.2037, 24.2314, 5.5320

Protanomaly

26.8472, 21.3811, 7.7130

Deuteranomaly

29.1241, 21.8781, 4.6954

Tritanomaly

43.2720, 24.2587, 5.8917

Monochromacy



Original Color

43.2037, 24.2314, 5.5320

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

21.3197, 16.5834, 11.9748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2037, 24.2314, 5.5320 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, 55, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 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, 55, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 51) }
```

Border

The CSS property to change the border of an element to XYZ 43.2037, 24.2314, 5.5320 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, 55, 51) }
```


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

```
.border{ border-color:rgb(255, 55, 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, 55, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2037, 24.2314, 5.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 51) }
```

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

```
.background{ background-color: rgb(255, 55,  
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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