

Converting Colors

XYZ(43.2659, 24.2245, 5.9574)

Have a look what the booklet for
XYZ(43.2659, 24.2245, 5.9574)
contains.

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Color

**XYZ(43.2958, 24.2682,
6.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3737
RGB	255, 55, 55
RGB Percent	100%, 22%, 22%
CMY	0.0000, 0.7842, 0.7843
CMYK	0.00, 0.78, 0.78, 0.00
HSL	0°, 100%, 61%
HSV	0°, 78%, 100%
XYZ	43.2958, 24.2682, 6.0167
YIQ	114.8000, 119.2000, 42.4000

Conversions

Conversions Part 2

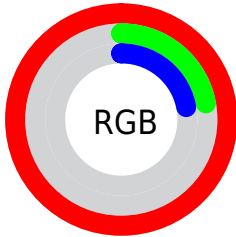
Format	Color
R _Y B	255, 55, 55
Decimal	16725815
CIE Lab	56.36, 72.84, 48.57
CIE LCh	56, 87.549, 33.697
Yxy	24.2682, 0.5884, 0.3298
Android (android.graphics.Color)	4294915895 (0xFFFF3737)
YUV	114.8000, -29.4814, 122.9554
Hunter-Lab	49.2628, 70.6693, 27.2426

Details

The XYZ color **43.2958, 24.2682, 6.0167** 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 **55.3800, 79.5413, 107.0413**, and the grayscale version is **16.2985, 17.1472, 18.6733**.

A 20% lighter version of the original color is **50.2850, 35.4329, 17.0209**, and **21.0411, 10.8407, 1.2706** is the 20% darker color. If you saturate the color by 10%, you get **41.9199, 22.2555, 3.2814**, and if you desaturate by 10%, it is **45.6128, 27.6595, 10.6215**.

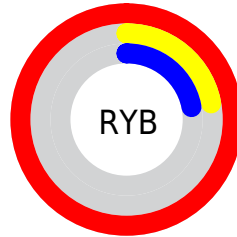
Distribution



Red (100%)

Green (22%)

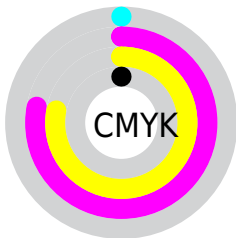
Blue (22%)



Red (100%)

Yellow (22%)

Blue (22%)

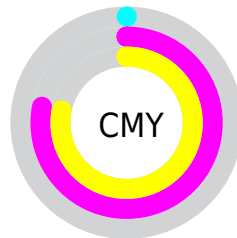


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2958, 24.2682, 6.0167 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 43.2958, 24.2682, 6.0167 by changing the saturation by 10% instead.


 43.2958, 24.2682,
6.0167


 43.2958, 24.2682,
6.0167


350.7278,
274.1736, 168.5314


 30.3128, 15.5327,
2.7863


 79.4100, 50.4675,
18.4438


 20.2254, 9.1941,
0.9866


 103.2719, 68.7001,
28.4776


 12.6682, 4.8680,
0.0000


 131.4908, 90.8672,
41.6162

 7.2759, 2.1700,
0.0000

 164.4320,
117.3531, 58.2783

 3.6831, 0.7036,
0.0000

 202.4610,
148.5424, 78.8823

 1.5245, 0.0000,
0.0000

 245.9430,

 0.3424, 0.0000,

184.8192, 103.8468

0.0000

295.2435,
226.5682, 133.5903

■ 0.0000, 0.0000,
0.0000

■ 43.2958, 24.2682,
6.0167

■ 43.2958, 24.2682,
6.0167

■ 41.9199, 22.2555,
3.2814

■ 45.6128, 27.6595,
10.6215

■ 41.3053, 21.3559,
2.0600

■ 48.9966, 32.6111,
17.3480

■ 41.2400, 21.2603,
1.9301

■ 53.5555, 39.2822,
26.4105

■ 59.3839, 47.8109,
37.9970

■ 66.5668, 58.3216,
52.2762

■ 75.1818, 70.9276,
69.4025

■ 85.3005, 85.7341,
89.5184

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



48.3882, 24.2682, 22.9963



43.2958, 24.2682, 6.0167



32.7888, 24.2682, 1.3479

Triad

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



43.2958, 24.2682, 6.0167



9.6669, 24.2682, 8.6439



24.3417, 24.2682, 129.8961

Complementary

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



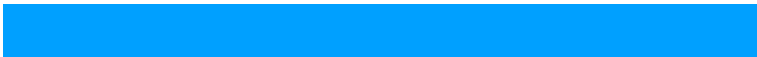
43.2958, 24.2682, 6.0167



55.3800, 79.5413, 107.0413

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.



15.4850, 24.2682, 114.2524



43.2958, 24.2682, 6.0167



8.6047, 24.2682, 30.1763

Square

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



43.2958, 24.2682, 6.0167



13.8803, 24.2682, 1.9040



10.3855, 24.2682, 70.8663



35.6090, 24.2682, 104.9928

Rectangle

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



43.2958, 24.2682, 6.0167



25.2651, 24.2682, 0.7093



10.3855, 24.2682, 70.8663



20.9988, 24.2682, 129.2598

Sweetspot

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



43.2963, 24.2697, 6.0171



70.2036, 63.6429, 59.5054



60.6558, 31.2123, 97.4348



14.3958, 12.6994, 11.4829



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.



43.2963, 24.2697, 6.0171



41.5038, 21.6461, 2.4539



53.6507, 44.9784, 9.4685



18.0096, 17.9873, 18.6670



21.5490, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



55.3800, 79.5413, 107.0413



54.0057, 78.8316, 106.9774



31.3468, 31.4749, 99.0302



18.5548, 20.4812, 23.2253



28.1135, 41.1365, 55.8930



2.7374, 4.0054, 5.4421

Previews

White Background



This preview shows how the XYZ color 43.2958, 24.2682, 6.0167 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 43.2958, 24.2682, 6.0167

Background



This preview shows how black text looks on a background with the XYZ color 43.2958, 24.2682, 6.0167.



This preview shows how white text looks on a background with the XYZ color 43.2958, 24.2682,

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

43.2958, 24.2682, 6.0167

Protanopia

22.2519, 24.1739, 10.7010

Deuteranopia

24.7940, 24.3930, 5.3210



Tritanopia

43.3200, 24.2779, 6.1443

Trichromacy



Original Color

43.2958, 24.2682, 6.0167

Protanomaly

26.7530, 21.3151, 8.4985

Deuteranomaly

29.3124, 22.1097, 5.2053

Tritanomaly

43.3200, 24.2779, 6.1443

Monochromacy



Original Color

43.2958, 24.2682, 6.0167

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.6160, 16.7260, 12.4451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2958, 24.2682, 6.0167 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 55)  
}
```

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, 55) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 43.2958, 24.2682, 6.0167 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, 55) }
```


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

```
.border{ border-color:rgb(255, 55, 55) }
```

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, 55) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 43.2958, 24.2682, 6.0167 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, 55) }
```

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

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

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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