

Converting Colors

XYZ(43.4590, 24.2312, 7.1930)

Have a look what the booklet for
XYZ(43.4590, 24.2312, 7.1930)
contains.

XYZ(43.4846, 24.2685, 7.2429)	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(43.4846, 24.2685,
7.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3640
RGB	255, 54, 64
RGB Percent	100%, 21%, 25%
CMY	0.0000, 0.7882, 0.7490
CMYK	0.00, 0.79, 0.75, 0.00
HSL	357°, 100%, 61%
HSV	357°, 79%, 100%
XYZ	43.4846, 24.2685, 7.2429
YIQ	115.2390, 116.5860, 45.7220

Conversions

Conversions Part 2

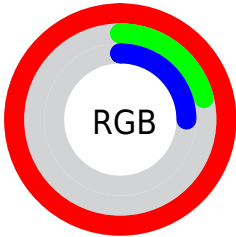
Format	Color
R_{YB}	255, 54, 64
Decimal	16725568
CIE _{Lab}	56.36, 73.40, 43.71
CIE _{LCh}	56, 85.428, 30.778
Yxy	24.2685, 0.5798, 0.3236
Android (android.graphics.Color)	4294915648 (0xFFFF3640)
YUV	115.2390, -25.2608, 122.5704
Hunter-Lab	49.2631, 71.3519, 25.7670

Details

The XYZ color **43.4846, 24.2685, 7.2429** 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 **53.7659, 78.8978, 98.7940**, and the grayscale version is **16.4201, 17.2752, 18.8127**.

A 20% lighter version of the original color is **50.7615, 35.6235, 19.5298**, and **21.1125, 10.8693, 1.6471** is the 20% darker color. If you saturate the color by 10%, you get **42.0464, 22.2667, 4.0686**, and if you desaturate by 10%, it is **45.8443, 27.6352, 12.2013**.

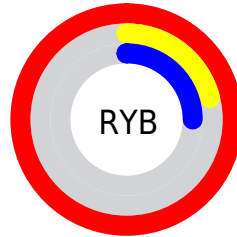
Distribution



Red (100%)

Green (21%)

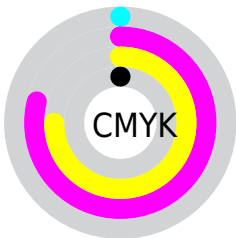
Blue (25%)



Red (100%)

Yellow (21%)

Blue (25%)

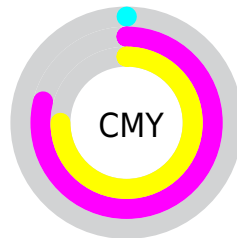


Cyan (0%)

Magenta (79%)

Yellow (75%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4846, 24.2685, 7.2429 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 43.4846, 24.2685, 7.2429 by changing the saturation by 10% instead.


 43.4846, 24.2685,
7.2429


 43.4846, 24.2685,
7.2429


351.4887,
274.1751, 179.3738

 30.4617, 15.5329,
3.5337


 79.6928, 50.4680,
20.9814


 20.3391, 9.1942,
1.3732


 103.6088, 68.7007,
31.8477

 12.7515, 4.8681,
0.1207


 131.8865, 90.8679,
45.9369

 7.3334, 2.1701,
0.0000

 164.8914,
117.3540, 63.6674

 3.7197, 0.7036,
0.0000

 202.9886,
148.5434, 85.4578

 1.5448, 0.0000,
0.0000

 246.5437,

 0.3560, 0.0000,

184.8204, 111.7267

0.0000

295.9220,
226.5695, 142.8925

■ 0.0000, 0.0000,
0.0000

■ 43.4846, 24.2685,
7.2429

■ 43.4846, 24.2685,
7.2429

■ 42.0464, 22.2667,
4.0686

■ 45.8443, 27.6352,
12.2013

■ 41.3626, 21.3614,
2.4153

■ 49.2438, 32.5468,
19.1527

■ 41.3102, 21.2881,
2.3013

■ 53.7852, 39.1606,
28.2784

■ 59.5582, 47.6134,
39.7389

■ 66.6435, 58.0281,
53.6795

■ 75.1149, 70.5170,
70.2340

■ 85.0407, 85.1840,
89.5262

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.



47.6844, 24.2685, 25.6939



43.4846, 24.2685, 7.2429



33.6126, 24.2685, 1.7213

Triad

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



43.4846, 24.2685, 7.2429



10.1635, 24.2685, 7.7951



23.3248, 24.2685, 126.3537

Complementary

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



43.4846, 24.2685, 7.2429



53.7659, 78.8978, 98.7940

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.



14.9952, 24.2685, 107.7548



43.4846, 24.2685, 7.2429



8.8306, 24.2685, 27.1683

Square

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



43.4846, 24.2685, 7.2429



14.6631, 24.2685, 1.8434



10.3132, 24.2685, 65.0735



34.1889, 24.2685, 105.8842

Rectangle

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



43.4846, 24.2685, 7.2429



26.2394, 24.2685, 0.8978



10.3132, 24.2685, 65.0735



20.1602, 24.2685, 124.3867

Sweetspot

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



43.4851, 24.2700, 7.2433



70.5470, 63.7785, 61.3195



57.0087, 29.2634, 97.2508



14.4753, 12.7308, 11.9027



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.



43.4851, 24.2700, 7.2433



41.5539, 21.6108, 2.8887



51.9489, 41.6123, 8.7861



18.0459, 18.0017, 18.8591



21.6008, 11.1296, 1.2825



2.1155, 1.0886, 0.1895

Inverse Universe

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



43.4851, 24.2700, 7.2433



41.5539, 21.6108, 2.8887



32.9476, 34.7556, 99.5791



18.0459, 18.0017, 18.8591



21.6008, 11.1296, 1.2825



2.1155, 1.0886, 0.1895

Previews

White Background



This preview shows how the XYZ color 43.4846, 24.2685, 7.2429 looks on a white background.

Color Contrast Check

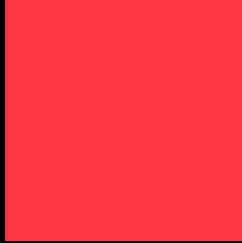
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.4846, 24.2685, 7.2429 looks on a 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 43.4846, 24.2685, 7.2429

Background



This preview shows how black text looks on a background with the XYZ color 43.4846, 24.2685, 7.2429.



This preview shows how white text looks on a background with the XYZ color 43.4846, 24.2685,

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

43.4846, 24.2685, 7.2429

Protanopia

22.5421, 24.2692, 13.1692

Deuteranopia

24.8100, 24.3745, 6.5291



Tritanopia

43.3200, 24.2779, 6.1443

Trichromacy



Original Color

43.4846, 24.2685, 7.2429

Protanomaly

26.8889, 21.3413, 10.4867

Deuteranomaly

29.2846, 22.0676, 6.4574

Tritanomaly

43.3956, 24.3081, 6.5424

Monochromacy



Original Color

43.4846, 24.2685, 7.2429

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.7516, 16.7802, 13.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4846, 24.2685, 7.2429 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, 54, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 64)  
}
```

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, 54, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 64) }
```

Border

The CSS property to change the border of an element to XYZ 43.4846, 24.2685, 7.2429 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, 54, 64) }
```


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

```
.border{ border-color:rgb(255, 54, 64) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4846, 24.2685, 7.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 64) }
```

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

```
.background{ background-color: rgb(255, 54,  
64) }
```

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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