

Converting Colors

XYZ(43.3212, 24.7415, 4.7230)

Have a look what the booklet for
XYZ(43.3212, 24.7415, 4.7230)
contains.

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Color

**XYZ(43.3267, 24.7647,
4.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D2A
RGB	255, 61, 42
RGB Percent	100%, 24%, 16%
CMY	0.0000, 0.7607, 0.8353
CMYK	0.00, 0.76, 0.84, 0.00
HSL	5°, 100%, 58%
HSV	5°, 84%, 100%
XYZ	43.3267, 24.7647, 4.6870
YIQ	116.8400, 121.7230, 35.2190

Conversions

Conversions Part 2

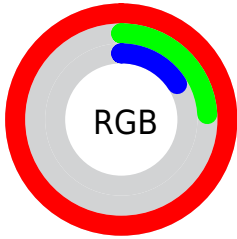
Format	Color
RYB	255, 63, 42
Decimal	16727338
CIELab	56.85, 70.82, 55.50
CIELCh	57, 89.976, 38.087
Yxy	24.7647, 0.5953, 0.3403
Android (android.graphics.Color)	4294917418 (0xFFFF3D2A)
YUV	116.8400, -36.8961, 121.1663
Hunter-Lab	49.7641, 68.3222, 29.2507

Details

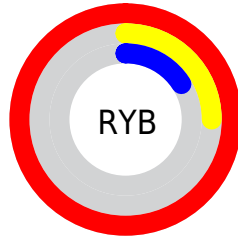
The XYZ color **43.3267, 24.7647, 4.6870** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **48.9957, 67.6941, 105.0910**, and the grayscale version is **16.9453, 17.8277, 19.4144**.

A 20% lighter version of the original color is **50.2113, 36.1812, 14.2348**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.0235, 22.6718, 2.6713**, and if you desaturate by 10%, it is **45.4569, 28.0490, 8.4075**.

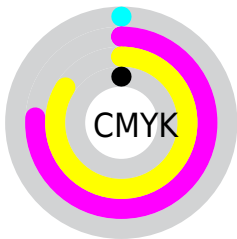
Distribution



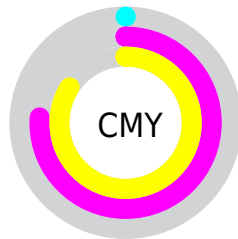
- Red (100%)
- Green (24%)
- Blue (16%)



- Red (100%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (76%)
- Yellow (84%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3267, 24.7647, 4.6870 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 43.3267, 24.7647, 4.6870 by changing the saturation by 10% instead.


 43.3267, 24.7647,
4.6870


 43.3267, 24.7647,
4.6870


350.8524,
276.6641, 155.5801


 30.3372, 15.9018,
2.0093


 79.4563, 51.2752,
15.5655

 20.2440, 9.4547,
0.5610


 103.3270, 69.6917,
24.6034

 12.6818, 5.0389,
0.0000


 131.5556, 92.0615,
36.5985

 7.2853, 2.2701,
0.0000

 164.5072,
118.7690, 51.9693

 3.6891, 0.7578,
0.0000

 202.5474,
150.1986, 71.1343

 1.5278, 0.0000,
0.0000

 246.0414,

 0.3446, 0.0000,

186.7347, 94.5120

0.0000

295.3546,
228.7618, 122.5211

■ 0.0000, 0.0000,
0.0000

■ 43.3267, 24.7647,
4.6870

■ 43.3267, 24.7647,
4.6870

■ 42.0235, 22.6718,
2.6713

■ 45.4569, 28.0490,
8.4075

■ 41.5414, 21.8633,
2.0306

■ 48.5216, 32.6624,
14.1033

■ 52.6138, 38.7283,
21.9983

■ 57.8145, 46.3550,
32.2862

■ 64.1968, 55.6403,
45.1392

71.8271, 66.6741,
60.7139

80.7674, 79.5398,
79.1541

91.0752, 94.3153,
100.5937

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.



49.7932, 24.7647, 19.6059



43.3267, 24.7647, 4.6870



31.9261, 24.7647, 1.0170

Triad

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



43.3267, 24.7647, 4.6870



9.3136, 24.7647, 10.6041



26.5011, 24.7647, 134.6556

Complementary

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



43.3267, 24.7647, 4.6870



48.9957, 67.6941, 105.0910

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.



16.7653, 24.7647, 124.3802



43.3267, 24.7647, 4.6870



8.6505, 24.7647, 35.9664

Square

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



43.3267, 24.7647, 4.6870



13.1323, 24.7647, 2.2371



10.9337, 24.7647, 80.8373



38.3567, 24.7647, 103.1292

Rectangle

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



43.3267, 24.7647, 4.6870



24.2200, 24.7647, 0.5652



10.9337, 24.7647, 80.8373



22.8691, 24.7647, 136.2513

Sweetspot

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



43.3272, 24.7662, 4.6874



70.6244, 64.9384, 58.2466



57.3902, 29.0449, 82.8933



14.5257, 13.0460, 11.2589



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.



43.3272, 24.7662, 4.6874



41.5417, 21.8635, 2.0306



55.3394, 48.7905, 8.6914



18.1397, 18.2476, 18.7104



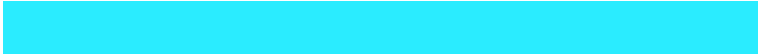
21.7504, 11.5120, 1.0757



2.1599, 1.2052, 0.1188

Inverse Universe

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



48.9957, 67.6941, 105.0910



46.9730, 65.0660, 104.6910



27.0876, 23.8778, 97.7883



18.4080, 20.1877, 23.1764



24.6017, 34.1130, 54.7224



2.4343, 3.3994, 5.3411

Previews

White Background



This preview shows how the XYZ color 43.3267, 24.7647, 4.6870 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 43.3267, 24.7647, 4.6870 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 43.3267, 24.7647, 4.6870

Background



This preview shows how black text looks on a background with the XYZ color 43.3267, 24.7647, 4.6870.



This preview shows how white text looks on a background with the XYZ color 43.3267, 24.7647,

4.6870.

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

43.3267, 24.7647, 4.6870

Protanopia

22.7369, 24.9036, 8.0234

Deuteranopia

25.3174, 24.8900, 4.0002



Tritanopia

43.6463, 24.7249, 6.8868

Trichromacy



Original Color

43.3267, 24.7647, 4.6870

Protanomaly

27.1208, 22.0224, 6.3114

Deuteranomaly

29.8666, 22.8742, 3.8183

Tritanomaly

43.5217, 24.7581, 5.9750

Monochromacy



Original Color

43.3267, 24.7647, 4.6870

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

22.0565, 17.5031, 11.8888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3267, 24.7647, 4.6870 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, 61, 42)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 42)  
}
```

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, 61, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 42) }
```

Border

The CSS property to change the border of an element to XYZ 43.3267, 24.7647, 4.6870 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, 61, 42) }
```


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

```
.border{ border-color:rgb(255, 61, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 42);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3267, 24.7647, 4.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 42) }
```

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

```
.background{ background-color: rgb(255, 61,  
42) }
```

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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