

Converting Colors

XYZ(44.1142, 25.9610, 4.0192)

Have a look what the booklet for
XYZ(44.1142, 25.9610, 4.0192)
contains.

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Color

**XYZ(43.6909, 25.7446,
4.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4620
RGB	255, 70, 32
RGB Percent	100%, 27%, 13%
CMY	0.0000, 0.7254, 0.8745
CMYK	0.00, 0.73, 0.87, 0.00
HSL	10°, 100%, 56%
HSV	10°, 87%, 100%
XYZ	43.6909, 25.7446, 4.0329
YIQ	120.9830, 122.4580, 27.4020

Conversions

Conversions Part 2

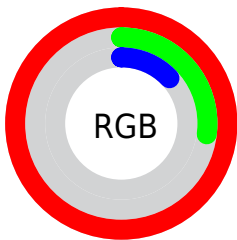
Format	Color
R_{YB}	255, 78, 32
Decimal	16729632
CIE Lab	57.79, 67.80, 60.56
CIE LCh	58, 90.914, 41.771
Yxy	25.7446, 0.5947, 0.3504
Android (android.graphics.Color)	4294919712 (0xFFFF4620)
YUV	120.9830, -43.8686, 117.5329
Hunter-Lab	50.7391, 64.9109, 30.8048

Details

The XYZ color **43.6909, 25.7446, 4.0329** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **43.4550, 57.1459, 103.3470**, and the grayscale version is **18.2798, 19.2318, 20.9434**.

A 20% lighter version of the original color is **50.7840, 37.8498, 12.8127**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.3678, 23.4591, 2.4817**, and if you desaturate by 10%, it is **45.7462, 29.0710, 7.1369**.

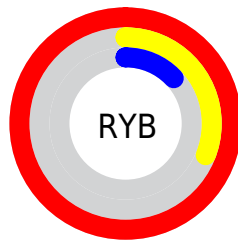
Distribution



Red (100%)

Green (27%)

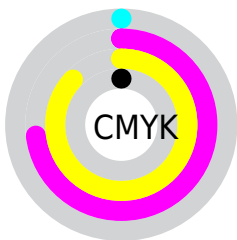
Blue (13%)



Red (100%)

Yellow (31%)

Blue (13%)

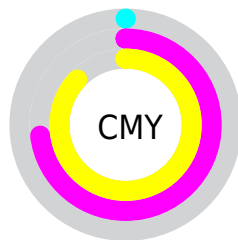


Cyan (0%)

Magenta (73%)

Yellow (87%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6909, 25.7446, 4.0329 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 43.6909, 25.7446, 4.0329 by changing the saturation by 10% instead.


 43.6909, 25.7446,
4.0329


 43.6909, 25.7446,
4.0329


352.3190,
281.5261, 148.5904


 30.6244, 16.6327,
1.6434


 80.0017, 52.8626,
14.0856


 20.4635, 9.9729,
0.3215


 103.9767, 71.6375,
22.5858

 12.8426, 5.3810,
0.0000


 132.3186, 94.4022,
33.9601

 7.3965, 2.4725,
0.0000

 165.3927,
121.5411, 48.6269

 3.7598, 0.8628,
0.0000

 203.5645,
153.4385, 67.0048

 1.5672, 0.0000,
0.0000

 247.1992,

 0.3709, 0.0000,

190.4789, 89.5123

0.0000

296.6623,
233.0466, 116.5680

0.0000, 0.0000,
0.0000

43.6909, 25.7446,
4.0329

43.6909, 25.7446,
4.0329

42.3678, 23.4591,
2.4817

45.7462, 29.0710,
7.1369

42.1207, 23.0218,
2.2236

48.6306, 33.5435,
12.0952

52.4257, 39.2582,
19.1419

57.2021, 46.2996,
28.4763

63.0234, 54.7447,
40.2742

69.9477, 64.6646,
54.6941

78.0287, 76.1253,
71.8813

87.3166, 89.1890,
91.9703

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.



51.2938, 25.7446, 17.4730



43.6909, 25.7446, 4.0329



31.6372, 25.7446, 0.9294

Triad

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



43.6909, 25.7446, 4.0329



9.4613, 25.7446, 13.1229



29.0043, 25.7446, 137.6055

Complementary

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



43.6909, 25.7446, 4.0329



43.4550, 57.1459, 103.3470

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.



18.4754, 25.7446, 132.6067



43.6909, 25.7446, 4.0329



9.1403, 25.7446, 42.1639

Square

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



43.6909, 25.7446, 4.0329



12.9846, 25.7446, 2.8563



11.9197, 25.7446, 90.1391



41.2769, 25.7446, 100.9745

Rectangle

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



43.6909, 25.7446, 4.0329



23.8267, 25.7446, 0.6134



11.9197, 25.7446, 90.1391



25.1237, 25.7446, 141.2035

Sweetspot

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



43.6915, 25.7462, 4.0333



71.0474, 66.2304, 57.0127



54.3893, 27.3461, 68.6268



14.6538, 13.3874, 11.0388



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.



43.6915, 25.7462, 4.0333



42.1210, 23.0219, 2.2237



57.9566, 54.2764, 8.7883



18.2596, 18.4873, 18.7504



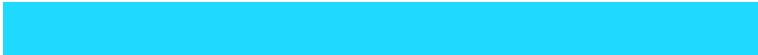
22.0816, 12.1745, 1.1861



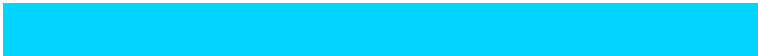
2.2163, 1.3179, 0.1376

Inverse Universe

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



43.4550, 57.1459, 103.3470



41.4768, 54.0735, 102.8589



23.8341, 17.9040, 96.8067



18.2759, 19.9234, 23.1323



21.7694, 28.4484, 53.7783



2.1861, 2.9029, 5.2584

Previews

White Background



This preview shows how the XYZ color 43.6909, 25.7446, 4.0329 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 43.6909, 25.7446, 4.0329 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 43.6909, 25.7446, 4.0329

Background



This preview shows how black text looks on a background with the XYZ color 43.6909, 25.7446, 4.0329.



This preview shows how white text looks on a background with the XYZ color 43.6909, 25.7446,

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

43.6909, 25.7446, 4.0329

Protanopia

23.4973, 25.7549, 6.6385

Deuteranopia

26.1558, 25.7326, 3.5883



Tritanopia

44.3526, 25.7165, 8.4205

Trichromacy



Original Color

43.6909, 25.7446, 4.0329

Protanomaly

28.1916, 23.4155, 5.3193

Deuteranomaly

30.7118, 23.9430, 3.3506

Tritanomaly

44.0209, 25.6798, 6.3779

Monochromacy



Original Color

43.6909, 25.7446, 4.0329

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.1321, 18.7701, 11.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6909, 25.7446, 4.0329 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, 70, 32)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 32)  
}
```

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, 70, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 32) }
```

Border

The CSS property to change the border of an element to XYZ 43.6909, 25.7446, 4.0329 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, 70, 32) }
```


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

```
.border{ border-color:rgb(255, 70, 32) }
```

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

Here you see how a box with a 4 pixel rgb(255, 70, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 32);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6909, 25.7446, 4.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 32) }
```

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

```
.background{ background-color: rgb(255, 70,  
32) }
```

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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