

Converting Colors

XYZ(43.3224, 25.2506, 3.1628)

Have a look what the booklet for
XYZ(43.3224, 25.2506, 3.1628)
contains.

| | |
|--|----|
| XYZ(43.2974, 25.2001, 3.1543) | 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(43.2974, 25.2001,
3.1543)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF4212 |
| RGB | 255, 66, 18 |
| RGB Percent | 100%, 26%, 7% |
| CMY | 0.0000, 0.7411, 0.9294 |
| CMYK | 0.00, 0.74, 0.93, 0.00 |
| HSL | 12°, 100%, 54% |
| HSV | 12°, 93%, 100% |
| XYZ | 43.2974, 25.2001, 3.1543 |
| YIQ | 117.0390, 128.0520, 25.1400 |

Conversions

Conversions Part 2

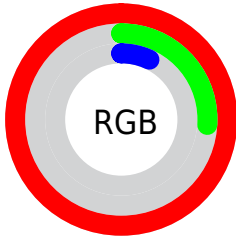
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 78, 18 |
| Decimal | 16728594 |
| CIE _{Lab} | 57.27, 68.90, 64.90 |
| CIE _{LCh} | 57, 94.656, 43.288 |
| Yxy | 25.2001, 0.6043, 0.3517 |
| Android (android.graphics.Color) | 4294918674 (0xFFFF4212) |
| YUV | 117.0390, -48.8262, 120.9918 |
| Hunter-Lab | 50.1997, 66.1073, 31.4143 |

Details

The XYZ color **43.2974, 25.2001, 3.1543** 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 **40.6087, 51.9674, 102.4974**, and the grayscale version is **17.0413, 17.9288, 19.5244**.

A 20% lighter version of the original color is **49.9991, 36.9066, 10.6193**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.4526, 23.6856, 2.3343**, and if you desaturate by 10%, it is **45.0407, 28.1493, 5.3935**.

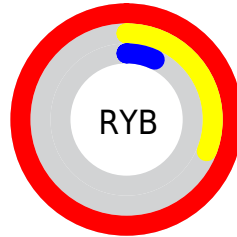
Distribution



Red (100%)

Green (26%)

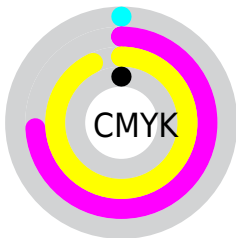
Blue (7%)



Red (100%)

Yellow (31%)

Blue (7%)

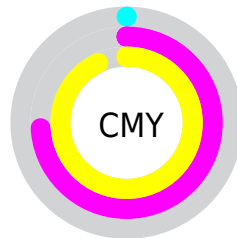


Cyan (0%)

Magenta (74%)

Yellow (93%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2974, 25.2001, 3.1543 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 43.2974, 25.2001, 3.1543 by changing the saturation by 10% instead.

 43.2974, 25.2001,
3.1543


 43.2974, 25.2001,
3.1543


350.7342,
278.8330, 138.3022

 30.3141, 16.2262,
1.1740


 79.4124, 51.9817,
12.0069


 20.2263, 9.6844,
0.0000


 103.2747, 70.5581,
19.7162


 12.6689, 5.1902,
0.0000


 131.4941, 93.1042,
30.1722

 7.2764, 2.3593,
0.0000

 164.4359,
120.0043, 43.7935

 3.6834, 0.8048,
0.0000

 202.4655,
151.6428, 60.9986


 1.5246, 0.0000,
0.0000

 245.9481,


 0.3425, 0.0000,


188.4042, 82.2061


0.0000


 295.2493,
230.6728, 107.8344


 0.0000, 0.0000,
0.0000

 43.2974, 25.2001,
3.1543


 43.2974, 25.2001,
3.1543


 42.4526, 23.6856,
2.3343

 45.0407, 28.1493,
5.3935

 47.5385, 32.1388,
9.3282

 50.8741, 37.2599,
15.2185

 55.1181, 43.5924,
23.2787

 60.3336, 51.2084,
33.6953

66.5775, 60.1742,
46.6342

73.9023, 70.5517,
62.2466

82.3570, 82.3986,
80.6715

91.9873, 95.7697,
102.0383

Harmonies

Analogous

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



51.6199, 25.2001, 15.5633



43.2974, 25.2001, 3.1543



30.6940, 25.2001, 0.5651

Triad

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



43.2974, 25.2001, 3.1543



8.6797, 25.2001, 13.2495



29.2509, 25.2001, 141.8795

Complementary

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



43.2974, 25.2001, 3.1543



40.6087, 51.9674, 102.4974

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.



18.2774, 25.2001, 139.0467



43.2974, 25.2001, 3.1543



8.5115, 25.2001, 44.1971

Square

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



43.2974, 25.2001, 3.1543



12.0119, 25.2001, 2.5775



11.4467, 25.2001, 95.1781



41.9613, 25.2001, 101.2747

Rectangle

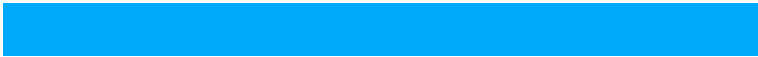
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2974, 25.2001, 3.1543



22.7378, 25.2001, 0.2965



11.4467, 25.2001, 95.1781



25.2086, 25.2001, 146.5645

Sweetspot

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



43.2979, 25.2016, 3.1547



70.0588, 65.1218, 54.0051



52.7920, 26.2269, 61.6964



14.3416, 13.0098, 10.1736



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.



43.2979, 25.2016, 3.1547



42.4529, 23.6858, 2.3343



58.4685, 55.5429, 8.2115



18.3074, 18.5829, 18.7663



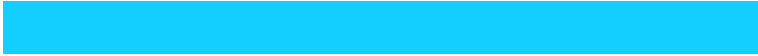
22.2660, 12.5432, 1.2475



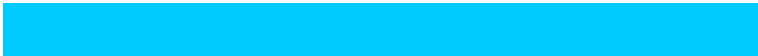
2.2410, 1.3673, 0.1458

Inverse Universe

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



40.6087, 51.9674, 102.4974



39.4862, 50.0925, 102.1954



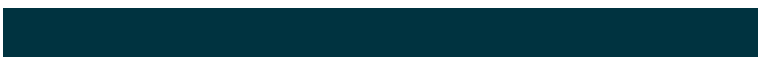
21.8801, 14.5101, 96.2545



18.2239, 19.8195, 23.1150



20.7419, 26.3933, 53.4358



2.0949, 2.7206, 5.2280

Previews

White Background



This preview shows how the XYZ color 43.2974, 25.2001, 3.1543 looks on a white background.

Color Contrast Check

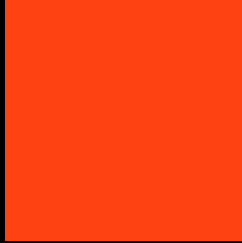
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2974, 25.2001, 3.1543 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 43.2974, 25.2001, 3.1543

Background



This preview shows how black text looks on a background with the XYZ color 43.2974, 25.2001, 3.1543.



This preview shows how white text looks on a background with the XYZ color 43.2974, 25.2001,

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

43.2974, 25.2001, 3.1543

Protanopia

22.9245, 25.2729, 5.3390

Deuteranopia

25.5719, 25.2313, 3.5223



Tritanopia

43.9716, 25.1967, 7.5469

Trichromacy



Original Color

43.2974, 25.2001, 3.1543

Protanomaly

27.5018, 22.7534, 4.1047

Deuteranomaly

29.9246, 23.2272, 3.1071

Tritanomaly

43.6069, 25.1402, 5.3505

Monochromacy



Original Color

43.2974, 25.2001, 3.1543

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.7892, 17.5449, 10.0227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2974, 25.2001, 3.1543 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, 66, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 18)  
}
```

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, 66, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 18) }
```

Border

The CSS property to change the border of an element to XYZ 43.2974, 25.2001, 3.1543 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, 66, 18) }
```


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

```
.border{ border-color:rgb(255, 66, 18) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2974, 25.2001, 3.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 18) }
```

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

```
.background{ background-color: rgb(255, 66,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor