

Converting Colors

XYZ(43.2039, 24.9808, 3.2225)

Have a look what the booklet for
XYZ(43.2039, 24.9808, 3.2225)
contains.

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Color

**XYZ(43.1997, 24.9773,
3.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4014
RGB	255, 64, 20
RGB Percent	100%, 25%, 8%
CMY	0.0000, 0.7490, 0.9216
CMYK	0.00, 0.75, 0.92, 0.00
HSL	11°, 100%, 54%
HSV	11°, 92%, 100%
XYZ	43.1997, 24.9773, 3.2060
YIQ	116.0930, 127.9600, 26.8080

Conversions

Conversions Part 2

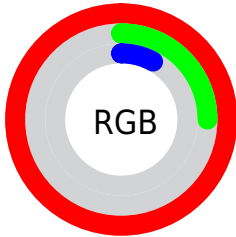
Format	Color
R_{YB}	255, 74, 20
Decimal	16728084
CIE Lab	57.05, 69.55, 64.20
CIE LCh	57, 94.644, 42.709
Yxy	24.9773, 0.6052, 0.3499
Android (android.graphics.Color)	4294918164 (0xFFFF4014)
YUV	116.0930, -47.3738, 121.8214
Hunter-Lab	49.9773, 66.8327, 31.1807

Details

The XYZ color **43.1997, 24.9773, 3.2060** 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 **41.6291, 53.9500, 102.8264**, and the grayscale version is **16.7442, 17.6162, 19.1840**.

A 20% lighter version of the original color is **49.7762, 36.4083, 10.7073**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.2869, 23.3542, 2.2790**, and if you desaturate by 10%, it is **44.9511, 27.9091, 5.5513**.

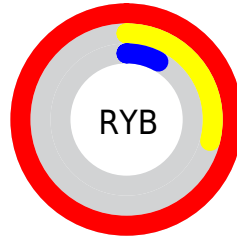
Distribution



Red (100%)

Green (25%)

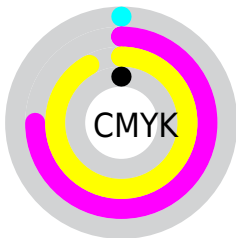
Blue (8%)



Red (100%)

Yellow (29%)

Blue (8%)

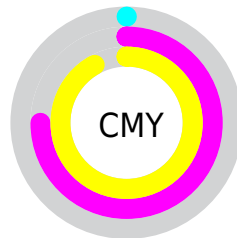


Cyan (0%)

Magenta (75%)

Yellow (92%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1997, 24.9773, 3.2060 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 43.1997, 24.9773, 3.2060 by changing the saturation by 10% instead.


 43.1997, 24.9773,
3.2060


 43.1997, 24.9773,
3.2060


350.3400,
277.7249, 138.9426


 30.2370, 16.0601,
1.2008


 79.2660, 51.6204,
12.1327

 20.1675, 9.5667,
0.0000


 103.1003, 70.1151,
19.8912


 12.6259, 5.1126,
0.0000


 131.2892, 92.5712,
30.4045

 7.2466, 2.3135,
0.0000

 164.1980,
119.3729, 44.0912

 3.6645, 0.7808,
0.0000

 202.1922,
150.9048, 61.3698


 1.5141, 0.0000,
0.0000

 245.6370,


 0.3354, 0.0000,


187.5511, 82.6589


0.0000


 294.8978,
229.6964, 108.3770


 0.0000, 0.0000,
0.0000


 43.1997, 24.9773,
3.2060


 43.1997, 24.9773,
3.2060


 42.2869, 23.3542,
2.2790

 44.9511, 27.9091,
5.5513

 47.4759, 31.9125,
9.6189

 50.8589, 37.0831,
15.6648

 55.1724, 43.5047,
23.9020

 60.4808, 51.2527,
34.5153

66.8425, 60.3968,
47.6703

74.3113, 71.0016,
63.5174

82.9373, 83.1276,
82.1953

92.7674, 96.8320,
103.8334

Harmonies

Analogous

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



51.3435, 24.9773, 15.8151



43.1997, 24.9773, 3.2060



30.6880, 24.9773, 0.5593

Triad

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



43.1997, 24.9773, 3.2060



8.6056, 24.9773, 12.7409



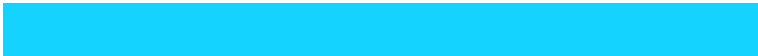
28.7680, 24.9773, 141.5498

Complementary

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



43.1997, 24.9773, 3.2060



41.6291, 53.9500, 102.8264

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.



17.9291, 24.9773, 137.7743



43.1997, 24.9773, 3.2060



8.3823, 24.9773, 43.0364

Square

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



43.1997, 24.9773, 3.2060



11.9795, 24.9773, 2.4429



11.2288, 24.9773, 93.5738



41.4211, 24.9773, 101.6963

Rectangle

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



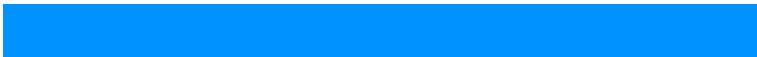
43.1997, 24.9773, 3.2060



22.7426, 24.9773, 0.2677



11.2288, 24.9773, 93.5738



24.7665, 24.9773, 145.8991

Sweetspot

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



43.2002, 24.9788, 3.2064



69.8099, 64.6241, 53.9222



53.3630, 26.5094, 64.5363



14.2837, 12.8940, 10.1543



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.



43.2002, 24.9788, 3.2064



42.2872, 23.3543, 2.2791



57.8052, 54.1889, 8.0747



18.2846, 18.5373, 18.7587



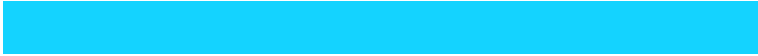
22.1742, 12.3597, 1.2169



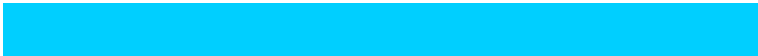
2.2289, 1.3431, 0.1418

Inverse Universe

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



41.6291, 53.9500, 102.8264



40.4210, 51.9621, 102.5070



22.3783, 15.4485, 96.4095



18.2486, 19.8689, 23.1232



21.2246, 27.3587, 53.5967



2.1378, 2.8064, 5.2423

Previews

White Background



This preview shows how the XYZ color 43.1997, 24.9773, 3.2060 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 43.1997, 24.9773, 3.2060 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 43.1997, 24.9773, 3.2060

Background



This preview shows how black text looks on a background with the XYZ color 43.1997, 24.9773, 3.2060.



This preview shows how white text looks on a background with the XYZ color 43.1997, 24.9773,

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

43.1997, 24.9773, 3.2060

Protanopia

22.7648, 25.1869, 5.4955

Deuteranopia

25.2162, 24.8495, 3.4674



Tritanopia

43.8059, 24.9564, 7.2109

Trichromacy



Original Color

43.1997, 24.9773, 3.2060

Protanomaly

27.4176, 22.5442, 4.2027

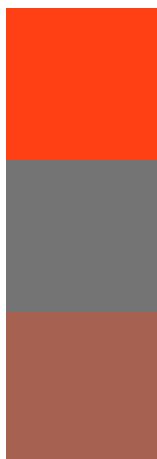
Deuteranomaly

29.8210, 23.0199, 3.0726

Tritanomaly

43.4757, 24.9105, 5.2061

Monochromacy



Original Color

43.1997, 24.9773, 3.2060

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

21.6962, 17.3590, 9.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1997, 24.9773, 3.2060 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, 64, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 20)  
}
```

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, 64, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 20) }
```

Border

The CSS property to change the border of an element to XYZ 43.1997, 24.9773, 3.2060 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, 64, 20) }
```


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

```
.border{ border-color:rgb(255, 64, 20) }
```

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

Here you see how a box with a 4 pixel rgb(255, 64, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1997, 24.9773, 3.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 20) }
```

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

```
.background{ background-color: rgb(255, 64,  
20) }
```

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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