

Converting Colors

XYZ(43.6665, 25.9384, 3.2774)

Have a look what the booklet for
XYZ(43.6665, 25.9384, 3.2774)
contains.

XYZ(43.6665, 25.9384, 3.2774)	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(43.6665, 25.9384,
3.2774)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4812
RGB	255, 72, 18
RGB Percent	100%, 28%, 7%
CMY	0.0000, 0.7176, 0.9294
CMYK	0.00, 0.72, 0.93, 0.00
HSL	14°, 100%, 54%
HSV	14°, 93%, 100%
XYZ	43.6665, 25.9384, 3.2774
YIQ	120.5610, 126.4020, 22.0020

Conversions

Conversions Part 2

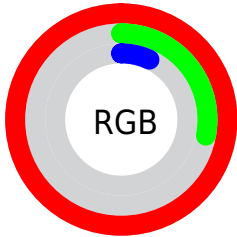
Format	Color
R_{YB}	255, 88, 18
Decimal	16730130
CIE _{Lab}	57.98, 66.94, 65.34
CIE _{LCh}	58, 93.538, 44.306
Yxy	25.9384, 0.5991, 0.3559
Android (android.graphics.Color)	4294920210 (0xFFFF4812)
YUV	120.5610, -50.5626, 117.9030
Hunter-Lab	50.9298, 63.9165, 31.8354

Details

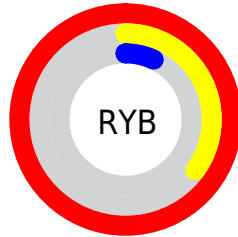
The XYZ color **43.6665, 25.9384, 3.2774** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **39.1832, 49.1162, 102.0220**, and the grayscale version is **18.1634, 19.1093, 20.8100**.

A 20% lighter version of the original color is **50.5589, 37.9736, 10.9682**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.7584, 24.2974, 2.4362**, and if you desaturate by 10%, it is **45.4863, 29.0407, 5.5422**.

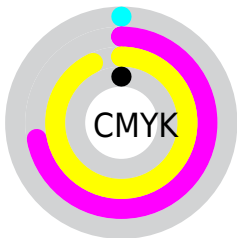
Distribution



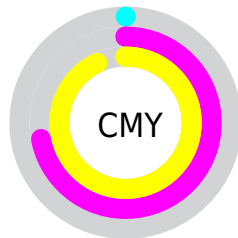
- Red (100%)
- Green (28%)
- Blue (7%)



- Red (100%)
- Yellow (35%)
- Blue (7%)



- Cyan (0%)
- Magenta (72%)
- Yellow (93%)
- Black (0%)




- Cyan (0%)
- Magenta (72%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6665, 25.9384, 3.2774 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 43.6665, 25.9384, 3.2774 by changing the saturation by 10% instead.


 43.6665, 25.9384,
3.2774


 43.6665, 25.9384,
3.2774


352.2209,
282.4796, 139.8189


 30.6052, 16.7776,
1.2380


 79.9651, 53.1756,
12.3056

 20.4487, 10.0760,
0.0101


 103.9332, 72.0207,
20.1314

 12.8318, 5.4494,
0.0000

 132.2675, 94.8626,
30.7232

 7.3890, 2.5133,
0.0000

 165.3335,
122.0859, 44.4993

 3.7551, 0.8833,
0.0000

 203.4964,
154.0748, 61.8784


 1.5645, 0.0000,
0.0000

 247.1217,


 0.3691, 0.0000,

191.2138, 83.2790


0.0000


 296.5748,
233.8873, 109.1197


 0.0000, 0.0000,
0.0000


 43.6665, 25.9384,
3.2774


 43.6665, 25.9384,
3.2774


 42.7584, 24.2974,
2.4362

 45.4863, 29.0407,
5.5422

 48.0410, 33.1438,
9.4960

 51.4095, 38.3309,
15.3973

 55.6592, 44.6744,
23.4595

 60.8497, 52.2405,
33.8678

67.0353, 61.0898,
46.7874

74.2661, 71.2791,
62.3686

82.5886, 82.8616,
80.7495

92.0464, 95.8876,
102.0589

Harmonies

Analogous

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



52.2181, 25.9384, 15.5030



43.6665, 25.9384, 3.2774



31.0001, 25.9384, 0.6930

Triad

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



43.6665, 25.9384, 3.2774



9.1101, 25.9384, 14.5490



30.4128, 25.9384, 141.3678

Complementary

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



43.6665, 25.9384, 3.2774



39.1832, 49.1162, 102.0220

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.



19.2385, 25.9384, 140.2315



43.6665, 25.9384, 3.2774



9.0403, 25.9384, 46.5467

Square

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



43.6665, 25.9384, 3.2774



12.3924, 25.9384, 3.0308



12.1591, 25.9384, 97.6704



43.1250, 25.9384, 100.1234

Rectangle

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



43.6665, 25.9384, 3.2774



23.0602, 25.9384, 0.4677



12.1591, 25.9384, 97.6704



26.3189, 25.9384, 146.5551

Sweetspot

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



43.6671, 25.9400, 3.2778



70.4745, 65.9532, 54.1437



52.3131, 26.0353, 59.1748



14.4385, 13.2036, 10.2059



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.



43.6671, 25.9400, 3.2778



42.7588, 24.2976, 2.4363



59.3000, 57.2058, 8.4888



18.3452, 18.6585, 18.7789



22.4341, 12.8794, 1.3036



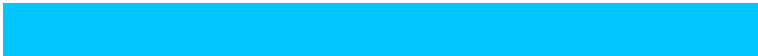
2.2624, 1.4101, 0.1529

Inverse Universe

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



39.1832, 49.1162, 102.0220



37.9904, 47.1007, 101.6968



21.5598, 13.8694, 96.1476



18.1832, 19.7380, 23.1014



19.9689, 24.8473, 53.1781



2.0259, 2.5825, 5.2050

Previews

White Background



This preview shows how the XYZ color 43.6665, 25.9384, 3.2774 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 43.6665, 25.9384, 3.2774 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 43.6665, 25.9384, 3.2774

Background



This preview shows how black text looks on a background with the XYZ color 43.6665, 25.9384, 3.2774.



This preview shows how white text looks on a background with the XYZ color 43.6665, 25.9384,

3.2774.

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

43.6665, 25.9384, 3.2774

Protanopia

23.6011, 26.0516, 5.4536

Deuteranopia

26.2920, 26.0052, 3.6338



Tritanopia

44.5055, 25.9712, 8.6285

Trichromacy



Original Color

43.6665, 25.9384, 3.2774

Protanomaly

28.3448, 23.6876, 4.2406

Deuteranomaly

30.8996, 24.3634, 3.2750

Tritanomaly

44.0500, 25.8883, 5.9241

Monochromacy



Original Color

43.6665, 25.9384, 3.2774

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.0280, 18.8866, 10.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6665, 25.9384, 3.2774 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, 72, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 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, 72, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 18) }
```

Border

The CSS property to change the border of an element to XYZ 43.6665, 25.9384, 3.2774 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, 72, 18) }
```


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

```
.border{ border-color:rgb(255, 72, 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, 72, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6665, 25.9384, 3.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 18) }
```

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

```
.background{ background-color: rgb(255, 72,  
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