

Converting Colors

XYZ(43.3627, 25.4662, 2.7586)

Have a look what the booklet for
XYZ(43.3627, 25.4662, 2.7586)
contains.

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Color

**XYZ(43.3900, 25.5250,
2.7548)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4504
RGB	255, 69, 4
RGB Percent	100%, 27%, 2%
CMY	0.0000, 0.7294, 0.9843
CMYK	0.00, 0.73, 0.98, 0.00
HSL	16°, 100%, 51%
HSV	16°, 98%, 100%
XYZ	43.3900, 25.5250, 2.7548
YIQ	117.2040, 131.7210, 19.2170

Conversions

Conversions Part 2

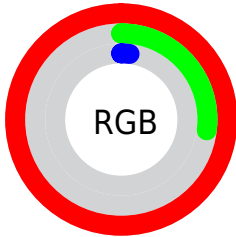
Format	Color
R_{YB}	255, 92, 4
Decimal	16729348
CIE _{Lab}	57.58, 67.82, 68.15
CIE _{LCh}	58, 96.151, 45.139
Yxy	25.5250, 0.6054, 0.3561
Android (android.graphics.Color)	4294919428 (0xFFFF4504)
YUV	117.2040, -55.8096, 120.8471
Hunter-Lab	50.5223, 64.8870, 32.1327

Details

The XYZ color **43.3900, 25.5250, 2.7548** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **36.5111, 44.0681, 101.1885**, and the grayscale version is **17.1130, 18.0042, 19.6065**.

A 20% lighter version of the original color is **50.0444, 37.3422, 9.5712**, and **20.7390, 10.6914, 0.9706** is the 20% darker color. If you saturate the color by 10%, you get **43.1906, 25.1617, 2.5803**, and if you desaturate by 10%, it is **44.9500, 28.3156, 4.2917**.

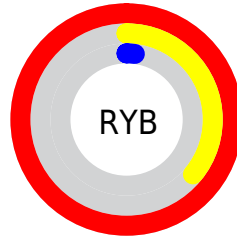
Distribution



Red (100%)

Green (27%)

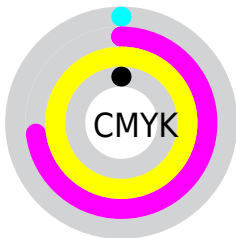
Blue (2%)



Red (100%)

Yellow (36%)

Blue (2%)

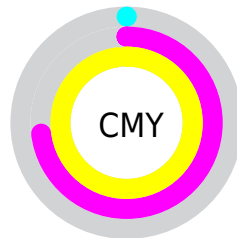


Cyan (0%)

Magenta (73%)

Yellow (98%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3900, 25.5250, 2.7548 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 43.3900, 25.5250, 2.7548 by changing the saturation by 10% instead.


 43.3900, 25.5250,
2.7548

 43.3900, 25.5250,
2.7548

351.1076,
280.4425, 133.1737


 30.3871, 16.4686,
0.9708


 79.5511, 52.5077,
11.0172


 20.2821, 9.8564,
0.0000


 103.4400, 71.2027,
18.3326

 12.7097, 5.3038,
0.0000


 131.6883, 93.8795,
28.3290

 7.3046, 2.4266,
0.0000

 164.6613,
120.9223, 41.4249

 3.7013, 0.8395,
0.0000

 202.7243,
152.7157, 58.0387


 1.5346, 0.0000,
0.0000

 246.2428,


 0.3492, 0.0000,


189.6439, 78.5891


0.0000


 295.5821,
232.0913, 103.4946


 0.0000, 0.0000,
0.0000


 43.3900, 25.5250,
2.7548


 43.3900, 25.5250,
2.7548


 43.1906, 25.1617,
2.5803

 44.9500, 28.3156,
4.2917

 47.1666, 32.0103,
7.3076

 50.1288, 36.6915,
12.1275

 53.9050, 42.4277,
18.9850

 58.5550, 49.2810,
28.0782

64.1327, 57.3082,
39.5814

70.6874, 66.5623,
53.6516

78.2646, 77.0928,
70.4323

86.9069, 88.9464,
90.0564

Harmonies

Analogous

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



52.3998, 25.5250, 14.3403



43.3900, 25.5250, 2.7548



30.3710, 25.5250, 0.4437

Triad

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



43.3900, 25.5250, 2.7548



8.5731, 25.5250, 14.5319



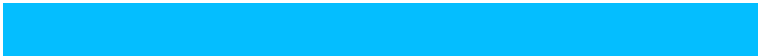
30.4914, 25.5250, 144.2963

Complementary

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



43.3900, 25.5250, 2.7548



36.5111, 44.0681, 101.1885

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.



19.0305, 25.5250, 144.5346



43.3900, 25.5250, 2.7548



8.5869, 25.5250, 47.7774

Square

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



43.3900, 25.5250, 2.7548



11.7411, 25.5250, 2.8015



11.7879, 25.5250, 100.9536



43.5017, 25.5250, 100.4416

Rectangle

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



43.3900, 25.5250, 2.7548



22.3375, 25.5250, 0.2459



11.7879, 25.5250, 100.9536



26.2913, 25.5250, 150.1887

Sweetspot

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



43.3905, 25.5266, 2.7552



69.5922, 65.0264, 51.2666



50.8253, 25.1636, 52.1930



14.2922, 13.0684, 9.6722



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.



43.3905, 25.5266, 2.7552



43.1910, 25.1619, 2.5803



60.1662, 59.0779, 8.3471



18.3918, 18.7518, 18.7944



22.6696, 13.3505, 1.3821



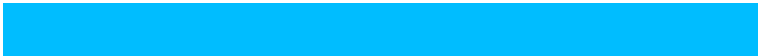
2.2911, 1.4675, 0.1625

Inverse Universe

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



36.5111, 44.0681, 101.1885



36.2375, 43.5949, 101.1125



20.0925, 11.2308, 95.7156



18.1333, 19.6382, 23.0848



19.0621, 23.0338, 52.8759



1.9444, 2.4195, 5.1778

Previews

White Background



This preview shows how the XYZ color 43.3900, 25.5250, 2.7548 looks on a white background.

Color Contrast Check

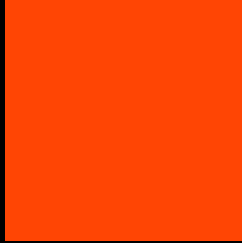
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3900, 25.5250, 2.7548 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 43.3900, 25.5250, 2.7548

Background



This preview shows how black text looks on a background with the XYZ color 43.3900, 25.5250, 2.7548.



This preview shows how white text looks on a background with the XYZ color 43.3900, 25.5250,

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

43.3900, 25.5250, 2.7548

Protanopia

23.1647, 25.6219, 4.8870

Deuteranopia

25.9305, 25.6165, 3.5778



Tritanopia

44.2316, 25.5738, 8.0738

Trichromacy



Original Color

43.3900, 25.5250, 2.7548

Protanomaly

27.8818, 23.2916, 3.6880

Deuteranomaly

30.3760, 23.7768, 3.0171

Tritanomaly

43.7208, 25.4638, 5.0933

Monochromacy



Original Color

43.3900, 25.5250, 2.7548

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.7980, 17.8516, 9.1343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3900, 25.5250, 2.7548 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, 69, 4)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 4)  
}
```

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, 69, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 4) }
```

Border

The CSS property to change the border of an element to XYZ 43.3900, 25.5250, 2.7548 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, 69, 4) }
```


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

```
.border{ border-color:rgb(255, 69, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 4);  
box-shadow:4px 4px 4px 4px rgb(255, 69, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.3900, 25.5250, 2.7548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 4) }
```

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

```
.background{ background-color: rgb(255, 69,  
4) }
```

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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