

Converting Colors

XYZ(43.2058, 25.1916, 2.5853)

Have a look what the booklet for
XYZ(43.2058, 25.1916, 2.5853)
contains.

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Color

**XYZ(43.1882, 25.1564,
2.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4200
RGB	255, 66, 0
RGB Percent	100%, 26%, 0%
CMY	0.0000, 0.7411, 1.0000
CMYK	0.00, 0.74, 1.00, 0.00
HSL	16°, 100%, 50%
HSV	16°, 100%, 100%
XYZ	43.1882, 25.1564, 2.5794
YIQ	114.9870, 133.8300, 19.5420

Conversions

Conversions Part 2

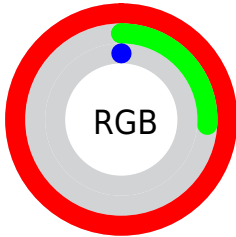
Format	Color
R_{YB}	255, 89, 0
Decimal	16728576
CIE _{Lab}	57.23, 68.76, 68.81
CIE _{LCh}	57, 97.280, 45.022
Yxy	25.1564, 0.6089, 0.3547
Android (android.graphics.Color)	4294918656 (0xFFFF4200)
YUV	114.9870, -56.6886, 122.7914
Hunter-Lab	50.1562, 65.9286, 32.0602

Details

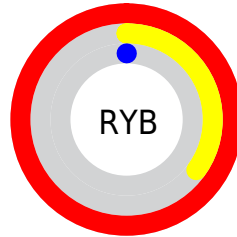
The XYZ color **43.1882, 25.1564, 2.5794** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **36.2449, 43.6100, 101.1142**, and the grayscale version is **16.4318, 17.2875, 18.8261**.

A 20% lighter version of the original color is **49.5981, 36.5406, 9.1416**, and **20.7390, 10.6914, 0.9706** is the 20% darker color. If you saturate the color by 10%, you get **43.1886, 25.1576, 2.5796**, and if you desaturate by 10%, it is **44.6623, 27.8155, 3.9634**.

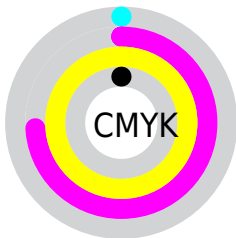
Distribution



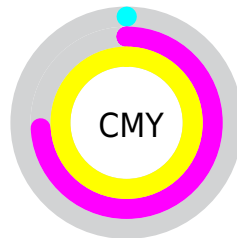
- Red (100%)
- Green (26%)
- Blue (0%)



- Red (100%)
- Yellow (35%)
- Blue (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1882, 25.1564, 2.5794 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 43.1882, 25.1564, 2.5794 by changing the saturation by 10% instead.


 43.1882, 25.1564,
2.5794

 43.1882, 25.1564,
2.5794


350.2936,
278.6159, 130.8089


 30.2280, 16.1936,
0.8818


 79.2487, 51.9108,
10.5716


 20.1606, 9.6613,
0.0000


 103.0797, 70.4713,
17.7057


 12.6208, 5.1749,
0.0000


 131.2650, 92.9997,
27.4897

 7.2431, 2.3503,
0.0000

 164.1700,
119.8806, 40.3423

 3.6623, 0.8001,
0.0000

 202.1600,
151.4982, 56.6820


 1.5129, 0.0000,
0.0000


 245.6003,


 0.3346, 0.0000,


188.2371, 76.9273


0.0000


 294.8564,
230.4815, 101.4968


 0.0000, 0.0000,
0.0000


 43.1882, 25.1564,
2.5794


 43.1882, 25.1564,
2.5794


 43.1886, 25.1576,
2.5796

 44.6623, 27.8155,
3.9634

 46.7687, 31.3617,
6.7208

 49.6088, 35.8829,
11.2410

 53.2530, 41.4491,
17.7649

 57.7623, 48.1234,
26.4953

63.1914, 55.9633,
37.6097

69.5901, 65.0223,
51.2674

77.0046, 75.3506,
67.6139

85.4779, 86.9952,
86.7838

Harmonies

Analogous

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



52.2492, 25.1564, 14.0393



43.1882, 25.1564, 2.5794



30.0911, 25.1564, 0.3281

Triad

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



43.1882, 25.1564, 2.5794



8.2812, 25.1564, 14.0700



30.1106, 25.1564, 145.3377

Complementary

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



43.1882, 25.1564, 2.5794



36.2449, 43.6100, 101.1142

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.



18.6399, 25.1564, 145.3766



43.1882, 25.1564, 2.5794



8.2834, 25.1564, 47.2977

Square

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



43.1882, 25.1564, 2.5794



11.4335, 25.1564, 2.5866



11.4409, 25.1564, 101.0254



43.2063, 25.1564, 100.9419

Rectangle

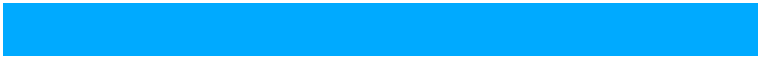
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.1882, 25.1564, 2.5794



22.0267, 25.1564, 0.1232



11.4409, 25.1564, 101.0254



25.8985, 25.1564, 151.2594

Sweetspot

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



43.1887, 25.1579, 2.5798



69.5897, 65.0216, 51.2658



50.6712, 25.0325, 51.5958



14.2917, 13.0673, 9.6720



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.



43.1887, 25.1579, 2.5798



43.1889, 25.1578, 2.5796



59.9251, 58.6306, 8.1585



18.3916, 18.7514, 18.7944



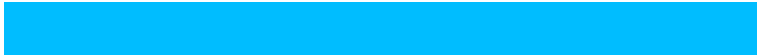
22.6685, 13.3483, 1.3817



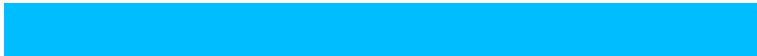
2.2910, 1.4673, 0.1625

Inverse Universe

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



36.2449, 43.6100, 101.1142



36.2450, 43.6100, 101.1150



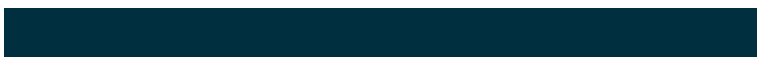
19.8694, 10.8589, 95.6557



18.1335, 19.6386, 23.0848



19.0660, 23.0416, 52.8772



1.9447, 2.4202, 5.1779

Previews

White Background



This preview shows how the XYZ color 43.1882, 25.1564, 2.5794 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 43.1882, 25.1564, 2.5794 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 43.1882, 25.1564, 2.5794

Background



This preview shows how black text looks on a background with the XYZ color 43.1882, 25.1564, 2.5794.



This preview shows how white text looks on a background with the XYZ color 43.1882, 25.1564,

2.5794.

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

43.1882, 25.1564, 2.5794

Protanopia

22.8278, 25.2342, 4.8299

Deuteranopia

25.5719, 25.2313, 3.5223



Tritanopia

43.9716, 25.1967, 7.5469

Trichromacy



Original Color

43.1882, 25.1564, 2.5794

Protanomaly

27.3892, 22.7084, 3.5119

Deuteranomaly

29.8863, 23.2119, 2.9052

Tritanomaly

43.4736, 25.0869, 4.6488

Monochromacy



Original Color

43.1882, 25.1564, 2.5794

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.2032, 17.1374, 8.4937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1882, 25.1564, 2.5794 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.1882, 25.1564, 2.5794 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, 0) }
```


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

```
.border{ border-color:rgb(255, 66, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 66, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.1882, 25.1564, 2.5794 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, 0) }
```

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

```
.background{ background-color: rgb(255, 66,  
0) }
```

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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