

Converting Colors

XYZ(43.2977, 25.3754, 2.6159)

Have a look what the booklet for
XYZ(43.2977, 25.3754, 2.6159)
contains.

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Color

**XYZ(43.3071, 25.3942,
2.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4400
RGB	255, 68, 0
RGB Percent	100%, 27%, 0%
CMY	0.0000, 0.7333, 1.0000
CMYK	0.00, 0.73, 1.00, 0.00
HSL	16°, 100%, 50%
HSV	16°, 100%, 100%
XYZ	43.3071, 25.3942, 2.6190
YIQ	116.1610, 133.2800, 18.4960

Conversions

Conversions Part 2

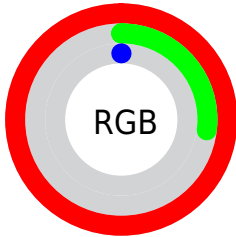
Format	Color
R_{YB}	255, 93, 0
Decimal	16729088
CIE Lab	57.46, 68.12, 68.92
CIE LCh	57, 96.903, 45.333
Yxy	25.3942, 0.6072, 0.3561
Android (android.graphics.Color)	4294919168 (0xFFFF4400)
YUV	116.1610, -57.2674, 121.7618
Hunter-Lab	50.3927, 65.2145, 32.1934

Details

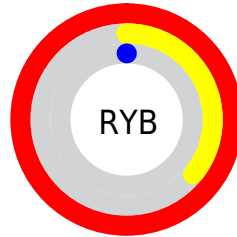
The XYZ color **43.3071, 25.3942, 2.6190** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **35.8176, 42.7554, 100.9718**, and the grayscale version is **16.7934, 17.6679, 19.2404**.

A 20% lighter version of the original color is **49.8564, 37.0572, 9.2277**, and **20.7390, 10.6914, 0.9706** is the 20% darker color. If you saturate the color by 10%, you get **43.3075, 25.3955, 2.6193**, and if you desaturate by 10%, it is **44.8056, 28.1021, 4.0111**.

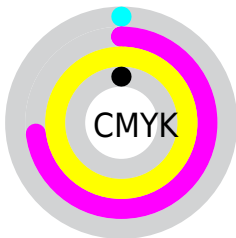
Distribution



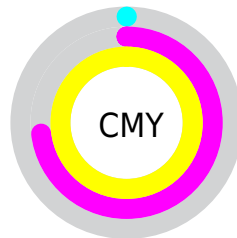
- Red (100%)
- Green (27%)
- Blue (0%)



- Red (100%)
- Yellow (36%)
- Blue (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3071, 25.3942, 2.6190 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 43.3071, 25.3942, 2.6190 by changing the saturation by 10% instead.

 43.3071, 25.3942,
2.6190


 43.3071, 25.3942,
2.6190


350.7733,
279.7954, 131.3495


 30.3217, 16.3710,
0.9022


 79.4269, 52.2960,
10.6729

 20.2322, 9.7871,
0.0000


 103.2920, 70.9434,
17.8484

 12.6732, 5.2580,
0.0000


 131.5145, 93.5676,
27.6810

 7.2793, 2.3994,
0.0000

 164.4595,
120.5531, 40.5892

 3.6853, 0.8256,
0.0000

 202.4926,
152.2843, 56.9917


 1.5257, 0.0000,
0.0000

 245.9790,


 0.3432, 0.0000,


189.1454, 77.3068


0.0000


 295.2841,
231.5210, 101.9532


 0.0000, 0.0000,
0.0000


 43.3071, 25.3942,
2.6190


 43.3071, 25.3942,
2.6190


 43.3075, 25.3955,
2.6193

 44.8056, 28.1021,
4.0111

 46.9308, 31.6860,
6.7747

 49.7831, 36.2315,
11.2989

 53.4318, 41.8067,
17.8242

 57.9369, 48.4727,
26.5532

63.3525, 56.2856,
37.6629

69.7275, 65.2974,
51.3127

77.1076, 75.5569,
67.6477

85.5352, 87.1101,
86.8022

Harmonies

Analogous

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



52.4370, 25.3942, 14.0339



43.3071, 25.3942, 2.6190



30.1935, 25.3942, 0.3719

Triad

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



43.3071, 25.3942, 2.6190



8.4188, 25.3942, 14.4924



30.4835, 25.3942, 145.1303

Complementary

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



43.3071, 25.3942, 2.6190



35.8176, 42.7554, 100.9718

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.



18.9489, 25.3942, 145.7081



43.3071, 25.3942, 2.6190



8.4519, 25.3942, 48.0570

Square

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



43.3071, 25.3942, 2.6190



11.5572, 25.3942, 2.7290



11.6691, 25.3942, 101.8053



43.5767, 25.3942, 100.5659

Rectangle

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



43.3071, 25.3942, 2.6190



22.1347, 25.3942, 0.1804



11.6691, 25.3942, 101.8053



26.2553, 25.3942, 151.2066

Sweetspot

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



43.3076, 25.3957, 2.6194



69.7275, 65.2970, 51.3117



50.2093, 24.8477, 49.1635



14.3236, 13.1310, 9.6827



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.



43.3076, 25.3957, 2.6194



43.3079, 25.3957, 2.6193



60.8670, 60.5144, 8.4725



18.4034, 18.7749, 18.7983



22.7330, 13.4773, 1.4032



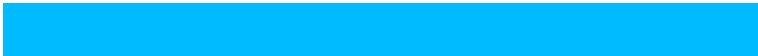
2.2986, 1.4826, 0.1650

Inverse Universe

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



35.8176, 42.7554, 100.9718



35.8177, 42.7554, 100.9726



19.6398, 10.3997, 95.5792



18.1210, 19.6135, 23.0807



18.8448, 22.5992, 52.8034



1.9247, 2.3802, 5.1712

Previews

White Background



This preview shows how the XYZ color 43.3071, 25.3942, 2.6190 looks on a white background.

Color Contrast Check

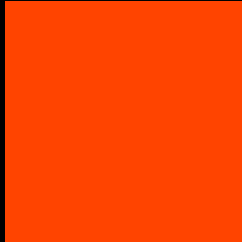
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3071, 25.3942, 2.6190 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 43.3071, 25.3942, 2.6190

Background



This preview shows how black text looks on a background with the XYZ color 43.3071, 25.3942, 2.6190.



This preview shows how white text looks on a background with the XYZ color 43.3071, 25.3942,

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

43.3071, 25.3942, 2.6190

Protanopia

23.1647, 25.6219, 4.8870

Deuteranopia

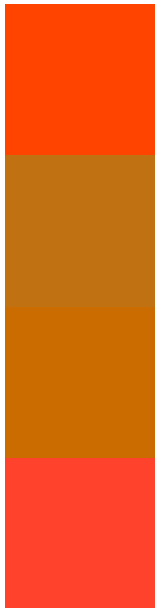
25.5719, 25.2313, 3.5223



Tritanopia

44.1434, 25.4458, 7.8951

Trichromacy



Original Color

43.3071, 25.3942, 2.6190

Protanomaly

27.7525, 23.0604, 3.5606

Deuteranomaly

29.9912, 23.4216, 2.9401

Tritanomaly

43.6243, 25.3308, 4.8756

Monochromacy



Original Color

43.3071, 25.3942, 2.6190

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

21.6342, 17.6336, 8.7419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3071, 25.3942, 2.6190 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, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 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, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.3071, 25.3942, 2.6190 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, 68, 0) }
```


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

```
.border{ border-color:rgb(255, 68, 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, 68, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 68, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.3071, 25.3942, 2.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 0) }
```

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

```
.background{ background-color: rgb(255, 68,  
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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