

Converting Colors

XYZ(43.6097, 26.0038, 2.7197)

Have a look what the booklet for
XYZ(43.6097, 26.0038, 2.7197)
contains.

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Color

**XYZ(43.6225, 26.0251,
2.7242)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4900
RGB	255, 73, 0
RGB Percent	100%, 29%, 0%
CMY	0.0000, 0.7137, 1.0000
CMYK	0.00, 0.71, 1.00, 0.00
HSL	17°, 100%, 50%
HSV	17°, 100%, 100%
XYZ	43.6225, 26.0251, 2.7242
YIQ	119.0960, 131.9050, 15.8810

Conversions

Conversions Part 2

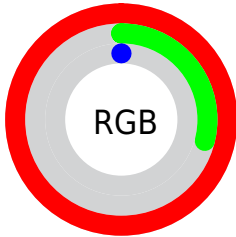
Format	Color
R_{YB}	255, 102, 0
Decimal	16730368
CIE _{Lab}	58.06, 66.45, 69.20
CIE _{LCh}	58, 95.937, 46.159
Yxy	26.0251, 0.6028, 0.3596
Android (android.graphics.Color)	4294920448 (0xFFFF4900)
YUV	119.0960, -58.7143, 119.1878
Hunter-Lab	51.0148, 63.3585, 32.5443

Details

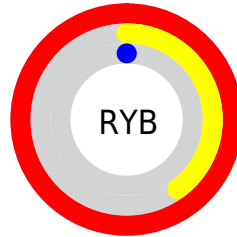
The XYZ color **43.6225, 26.0251, 2.7242** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **34.7757, 40.6716, 100.6243**, and the grayscale version is **17.7178, 18.6405, 20.2995**.

A 20% lighter version of the original color is **50.4167, 38.1327, 9.5536**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **43.6228, 26.0263, 2.7244**, and if you desaturate by 10%, it is **45.1798, 28.8507, 4.1360**.

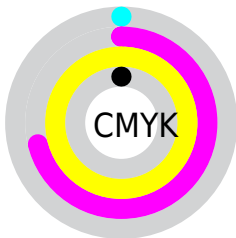
Distribution



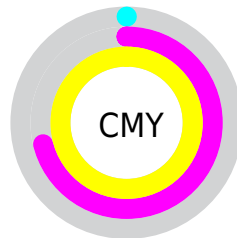
- Red (100%)
- Green (29%)
- Blue (0%)



- Red (100%)
- Yellow (40%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6225, 26.0251, 2.7242 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 43.6225, 26.0251, 2.7242 by changing the saturation by 10% instead.


 43.6225, 26.0251,
2.7242

 43.6225, 26.0251,
2.7242

352.0439,
282.9053, 132.7665


 30.5705, 16.8424,
0.9556


 79.8993, 53.3154,
10.9399


 20.4222, 10.1222,
0.0000


 103.8547, 72.1919,
18.2242


 12.8124, 5.4801,
0.0000


 132.1754, 95.0684,
28.1840

 7.3756, 2.5316,
0.0000

 165.2266,
122.3293, 41.2380

 3.7465, 0.8924,
0.0000

 203.3736,
154.3591, 57.8047


 1.5597, 0.0000,
0.0000

 246.9820,


 0.3659, 0.0000,


191.5420, 78.3027


0.0000


 296.4169,
234.2626, 103.1504


 0.0000, 0.0000,
0.0000


 43.6225, 26.0251,
2.7242


 43.6225, 26.0251,
2.7242


 43.6228, 26.0263,
2.7244

 45.1798, 28.8507,
4.1360

 47.3498, 32.5241,
6.9146

 50.2301, 37.1255,
11.4482

 53.8875, 42.7181,
17.9766

 58.3801, 49.3590,
26.7015

63.7600, 57.1004,
37.7996

70.0745, 65.9910,
51.4293

77.3675, 76.0764,
67.7354

85.6801, 87.3995,
86.8517

Harmonies

Analogous

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



52.9349, 26.0251, 14.0195



43.6225, 26.0251, 2.7242



30.4642, 26.0251, 0.4862

Triad

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



43.6225, 26.0251, 2.7242



8.7861, 26.0251, 15.6387



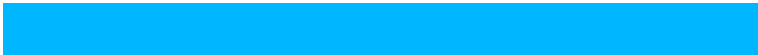
31.4761, 26.0251, 144.6041

Complementary

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



43.6225, 26.0251, 2.7242



34.7757, 40.6716, 100.6243

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.



19.7751, 26.0251, 146.5946



43.6225, 26.0251, 2.7242



8.9037, 26.0251, 50.0874

Square

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



43.6225, 26.0251, 2.7242



11.8855, 26.0251, 3.1257



12.2810, 26.0251, 103.8770



44.5600, 26.0251, 99.5953

Rectangle

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



43.6225, 26.0251, 2.7242



22.4199, 26.0251, 0.3301



12.2810, 26.0251, 103.8770



27.2066, 26.0251, 151.0848

Sweetspot

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



43.6231, 26.0267, 2.7246



70.0740, 65.9901, 51.4272



49.7609, 24.6684, 46.8025



14.4039, 13.2916, 9.7094



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.



43.6231, 26.0267, 2.7246



43.6233, 26.0265, 2.7244



61.8361, 62.4527, 8.7956



18.4329, 18.8340, 18.8081



22.9035, 13.8183, 1.4600



2.3186, 1.5225, 0.1717

Inverse Universe

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



34.7757, 40.6716, 100.6243



34.7757, 40.6715, 100.6252



19.4281, 9.9764, 95.5085



18.0896, 19.5509, 23.0702



18.3051, 21.5198, 52.6235



1.8758, 2.2823, 5.1549

Previews

White Background



This preview shows how the XYZ color 43.6225, 26.0251, 2.7242 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 43.6225, 26.0251, 2.7242 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 43.6225, 26.0251, 2.7242

Background



This preview shows how black text looks on a background with the XYZ color 43.6225, 26.0251, 2.7242.



This preview shows how white text looks on a background with the XYZ color 43.6225, 26.0251,

2.7242.

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

43.6225, 26.0251, 2.7242

Protanopia

23.4923, 26.0081, 4.8805

Deuteranopia

26.2920, 26.0052, 3.6338



Tritanopia

44.5999, 26.1082, 8.8196

Trichromacy



Original Color

43.6225, 26.0251, 2.7242

Protanomaly

28.3469, 23.8719, 3.6860

Deuteranomaly

30.8613, 24.3480, 3.0731

Tritanomaly

43.9864, 25.9637, 5.2779

Monochromacy



Original Color

43.6225, 26.0251, 2.7242

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.2043, 18.3494, 9.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6225, 26.0251, 2.7242 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, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 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, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.6225, 26.0251, 2.7242 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, 73, 0) }
```


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

```
.border{ border-color:rgb(255, 73, 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, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 73, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 43.6225, 26.0251, 2.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 0) }
```

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

```
.background{ background-color: rgb(255, 73,  
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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