

Converting Colors

XYZ(43.6100, 25.7109, 3.6127)

Have a look what the booklet for
XYZ(43.6100, 25.7109, 3.6127)
contains.

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Color

**XYZ(43.6166, 25.7149,
3.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	FF461A
RGB	255, 70, 26
RGB Percent	100%, 27%, 10%
CMY	0.0000, 0.7254, 0.8980
CMYK	0.00, 0.73, 0.90, 0.00
HSL	12°, 100%, 55%
HSV	12°, 90%, 100%
XYZ	43.6166, 25.7149, 3.6419
YIQ	120.2990, 124.3840, 25.5360

Conversions

Conversions Part 2

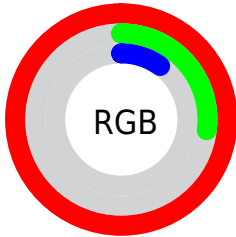
Format	Color
R_{YB}	255, 80, 26
Decimal	16729626
CIE _{Lab}	57.77, 67.71, 62.74
CIE _{LCh}	58, 92.309, 42.820
Yxy	25.7149, 0.5977, 0.3524
Android (android.graphics.Color)	4294919706 (0xFFFF461A)
YUV	120.2990, -46.4894, 118.1328
Hunter-Lab	50.7099, 64.7893, 31.2388

Details

The XYZ color **43.6166, 25.7149, 3.6419** 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 **41.7669, 54.0217, 102.8328**, and the grayscale version is **18.0667, 19.0076, 20.6992**.

A 20% lighter version of the original color is **50.5978, 37.7753, 11.8323**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.3581, 23.4924, 2.3164**, and if you desaturate by 10%, it is **45.5564, 28.9194, 6.3712**.

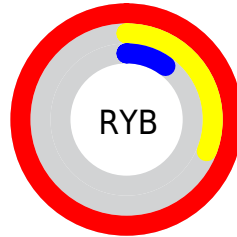
Distribution



Red (100%)

Green (27%)

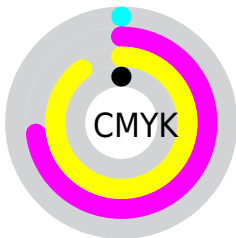
Blue (10%)



Red (100%)

Yellow (31%)

Blue (10%)

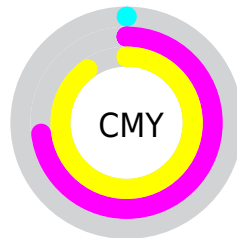


Cyan (0%)

Magenta (73%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6166, 25.7149, 3.6419 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 43.6166, 25.7149, 3.6419 by changing the saturation by 10% instead.


 43.6166, 25.7149,
3.6419


 43.6166, 25.7149,
3.6419


352.0201,
281.3797, 144.1578


 30.5658, 16.6105,
1.4310


 79.8904, 52.8147,
13.1751


 20.4187, 9.9572,
0.1657


 103.8442, 71.5788,
21.3345

 12.8098, 5.3706,
0.0000


 132.1630, 94.3316,
32.3137

 7.3738, 2.4663,
0.0000

 165.2122,
121.4575, 46.5315

 3.7453, 0.8597,
0.0000

 203.3572,
153.3408, 64.4062


 1.5591, 0.0000,
0.0000

 246.9632,


 0.3655, 0.0000,


190.3661, 86.3565


0.0000


 296.3958,
232.9176, 112.8009


 0.0000, 0.0000,
0.0000


 43.6166, 25.7149,
3.6419


 43.6166, 25.7149,
3.6419


 42.3581, 23.4924,
2.3164


 45.5564, 28.9194,
6.3712

 42.3384, 23.4572,
2.2962

 48.2868, 33.2108,
10.8868

 51.8885, 38.6803,
17.4324

 56.4309, 45.4081,
26.2130

 61.9762, 53.4668,
37.4082

68.5810, 62.9237,
51.1793

76.2978, 73.8413,
67.6738

85.1754, 86.2784,
87.0278

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



51.6286, 25.7149, 16.5333



43.6166, 25.7149, 3.6419



31.2837, 25.7149, 0.7974

Triad

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



43.6166, 25.7149, 3.6419



9.2230, 25.7149, 13.5760



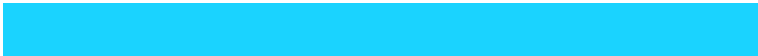
29.4755, 25.7149, 139.4408

Complementary

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



43.6166, 25.7149, 3.6419



41.7669, 54.0217, 102.8328

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.



18.6772, 25.7149, 135.9690



43.6166, 25.7149, 3.6419



9.0059, 25.7149, 43.8222

Square

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



43.6166, 25.7149, 3.6419



12.6396, 25.7149, 2.8631



11.9160, 25.7149, 93.2416



41.9533, 25.7149, 100.7488

Rectangle

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



43.6166, 25.7149, 3.6419



23.4089, 25.7149, 0.5172



11.9160, 25.7149, 93.2416



25.5035, 25.7149, 143.7001

Sweetspot

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



43.6172, 25.7165, 3.6423



70.6305, 65.8347, 55.5228



53.6214, 26.8036, 65.3090



14.5862, 13.3358, 10.7580



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.



43.6172, 25.7165, 3.6423



42.3387, 23.4574, 2.2962



58.2532, 54.9886, 8.5210



18.2919, 18.5519, 18.7611



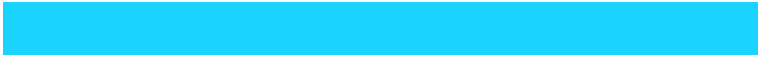
22.2028, 12.4169, 1.2265



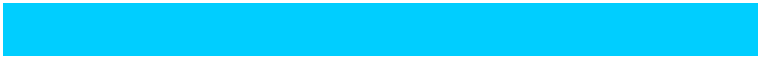
2.2327, 1.3507, 0.1430

Inverse Universe

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



41.7669, 54.0217, 102.8328



40.1190, 51.3580, 102.4063



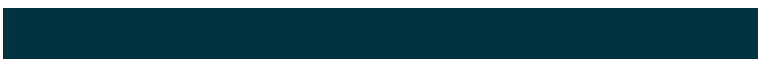
22.8922, 16.2721, 96.5412



18.2407, 19.8531, 23.1206



21.0686, 27.0468, 53.5447



2.1240, 2.7787, 5.2377

Previews

White Background



This preview shows how the XYZ color 43.6166, 25.7149, 3.6419 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 43.6166, 25.7149, 3.6419 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 43.6166, 25.7149, 3.6419

Background



This preview shows how black text looks on a background with the XYZ color 43.6166, 25.7149, 3.6419.



This preview shows how white text looks on a background with the XYZ color 43.6166, 25.7149,

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

43.6166, 25.7149, 3.6419

Protanopia

23.3790, 25.7076, 6.0154

Deuteranopia

26.1558, 25.7326, 3.5883



Tritanopia

44.3213, 25.7040, 8.2556

Trichromacy



Original Color

43.6166, 25.7149, 3.6419

Protanomaly

28.0895, 23.3747, 4.7815

Deuteranomaly

30.6948, 23.9361, 3.2608

Tritanomaly

43.9497, 25.6513, 6.0029

Monochromacy



Original Color

43.6166, 25.7149, 3.6419

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

22.7933, 18.6096, 11.1948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6166, 25.7149, 3.6419 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, 70, 26)` looks like.

```
.text, #text, p{  
  color:rgb(255, 70, 26)  
}
```

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, 70, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 26) }
```

Border

The CSS property to change the border of an element to XYZ 43.6166, 25.7149, 3.6419 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, 70, 26) }
```


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

```
.border{ border-color:rgb(255, 70, 26) }
```

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

Here you see how a box with a 4 pixel rgb(255, 70, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6166, 25.7149, 3.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 26) }
```

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

```
.background{ background-color: rgb(255, 70,  
26) }
```

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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