

Converting Colors

XYZ(43.4408, 32.3092, 4.6466)

Have a look what the booklet for
XYZ(43.4408, 32.3092, 4.6466)
contains.

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Color

**XYZ(43.4698, 32.3643,
4.6653)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F27815 |
| RGB | 242, 120, 21 |
| RGB Percent | 95%, 47%, 8% |
| CMY | 0.0510, 0.5294, 0.9176 |
| CMYK | 0.00, 0.50, 0.91, 0.05 |
| HSL | 27°, 89%, 52% |
| HSV | 27°, 91%, 95% |
| XYZ | 43.4698, 32.3643, 4.6653 |
| YIQ | 145.1920, 104.4910, -4.9250 |

Conversions

Conversions Part 2

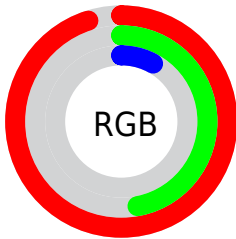
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 200, 21 |
| Decimal | 15890453 |
| CIE Lab | 63.64, 41.94, 67.33 |
| CIE LCh | 64, 79.325, 58.080 |
| Yxy | 32.3643, 0.5400, 0.4020 |
| Android (android.graphics.Color) | 4294080533 (0xFFFF27815) |
| YUV | 145.1920, -61.2267, 84.9006 |
| Hunter-Lab | 56.8896, 36.8364, 34.9606 |

Details

The XYZ color **43.4698, 32.3643, 4.6653** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **26.1583, 26.2142, 87.6850**, and the grayscale version is **27.2046, 28.6213, 31.1686**.

A 20% lighter version of the original color is **57.7873, 52.0966, 14.4071**, and **20.4272, 13.5992, 1.5483** is the 20% darker color. If you saturate the color by 10%, you get **42.0239, 29.6895, 3.5157**, and if you desaturate by 10%, it is **45.5331, 35.9437, 7.0414**.

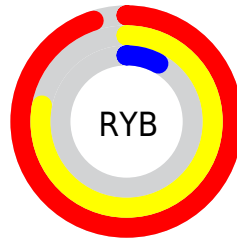
Distribution



Red (95%)

Green (47%)

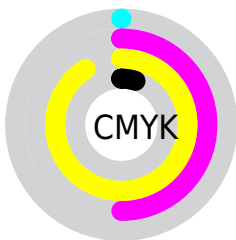
Blue (8%)



Red (95%)

Yellow (78%)

Blue (8%)

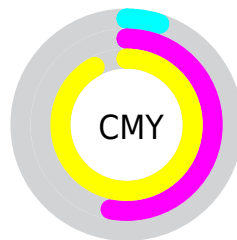


Cyan (0%)

Magenta (50%)

Yellow (91%)

Black (5%)



Cyan (5%)


Magenta (53%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4698, 32.3643, 4.6653 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 43.4698, 32.3643, 4.6653 by changing the saturation by 10% instead.


 43.4698, 32.3643,
4.6653


 43.4698, 32.3643,
4.6653

351.4291,
312.7754, 155.3557


 30.4500, 21.6399,
1.9970


 79.6706, 63.3818,
15.5172


 20.3302, 13.5925,
0.5534


 103.5824, 84.4436,
24.5379


 12.7449, 7.8378,
0.0000


 131.8555,
109.7201, 36.5130

 7.3289, 3.9914,
0.0000

 164.8554,
139.5956, 51.8613

 3.7168, 1.6687,
0.0000

 202.9473,
174.4544, 71.0011

 1.5432, 0.4033,
0.0000

 246.4967,

 0.3549, 0.0000,

214.6811, 94.3511

0.0000

295.8688,
260.6600, 122.3298

0.0000, 0.0000,
0.0000

43.4698, 32.3643,
4.6653

43.4698, 32.3643,
4.6653

42.0239, 29.6895,
3.5157

45.5331, 35.9437,
7.0414

48.0955, 40.0939,
10.9004

51.2057, 44.8489,
16.4548

54.9047, 50.2376,
23.8819

59.2287, 56.2866,
33.3358

■ 64.2107, 63.0204,
44.9549

■ 69.8811, 70.4623,
58.8649

■ 76.2682, 78.6341,
75.1821

■ 83.3984, 87.5567,
94.0146

Harmonies

Analogous

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



53.6721, 32.3643, 13.6006



43.4698, 32.3643, 4.6653



31.4812, 32.3643, 2.6603

Triad

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



43.4698, 32.3643, 4.6653



13.9919, 32.3643, 33.2328



41.9303, 32.3643, 121.2514

Complementary

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



43.4698, 32.3643, 4.6653



26.1583, 26.2142, 87.6850

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.



30.0525, 32.3643, 138.2997



43.4698, 32.3643, 4.6653



15.5220, 32.3643, 72.5118

Square

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



43.4698, 32.3643, 4.6653



15.9792, 32.3643, 11.8074



20.8078, 32.3643, 116.6483



52.6434, 32.3643, 78.3966

Rectangle

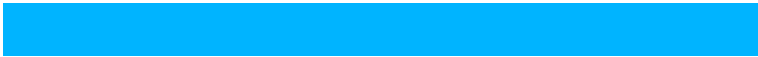
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



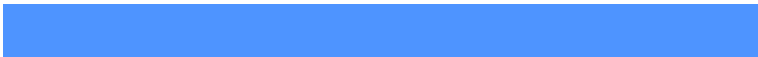
43.4698, 32.3643, 4.6653



24.6065, 32.3643, 3.2291



20.8078, 32.3643, 116.6483



37.8653, 32.3643, 131.0138

Sweetspot

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



43.4705, 32.3661, 4.6659



74.9302, 74.4341, 56.9560



42.0926, 21.4963, 29.2208



15.5844, 15.3324, 11.0908



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.



43.4705, 32.3661, 4.6659



47.2840, 33.3481, 3.9447



64.2951, 74.0153, 11.6074



16.3558, 16.9248, 16.5545



22.7077, 16.2134, 1.9327



1.9869, 1.5446, 0.1934

Inverse Universe

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



26.1583, 26.2142, 87.6850



27.5400, 26.2000, 98.2133



16.9593, 7.8162, 84.6187



15.6207, 16.6755, 20.1170



13.2975, 12.8193, 46.9014



1.2054, 1.2648, 3.9348

Previews

White Background



This preview shows how the XYZ color 43.4698, 32.3643, 4.6653 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 43.4698, 32.3643, 4.6653 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4698, 32.3643, 4.6653

Background



This preview shows how black text looks on a background with the XYZ color 43.4698, 32.3643, 4.6653.



This preview shows how white text looks on a background with the XYZ color 43.4698, 32.3643,

4.6653.

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

43.4698, 32.3643, 4.6653

Protanopia

29.4242, 32.5403, 6.0264

Deuteranopia

32.9394, 32.4695, 4.5312



Tritanopia

47.1300, 32.5131, 21.2444

Trichromacy



Original Color

43.4698, 32.3643, 4.6653

Protanomaly

33.4240, 31.5672, 5.3684

Deuteranomaly

36.1409, 31.9059, 4.4834

Tritanomaly

45.3483, 32.2985, 12.0277

Monochromacy



Original Color

43.4698, 32.3643, 4.6653

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.9268, 28.2317, 15.9285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4698, 32.3643, 4.6653 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(242, 120, 21)` looks like.

```
.text, #text, p{  
    color:rgb(242, 120, 21)  
}
```

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(242, 120, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 120, 21) }
```

Border

The CSS property to change the border of an element to XYZ 43.4698, 32.3643, 4.6653 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(242, 120, 21) }
```


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

```
.border{ border-color:rgb(242, 120, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 120, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 120, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 120, 21);  
box-shadow:4px 4px 4px 4px rgb(242, 120,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4698, 32.3643, 4.6653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 120, 21) }
```

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

```
.background{ background-color: rgb(242,  
120, 21) }
```

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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