

Converting Colors

XYZ(43.5364, 28.2351, 3.8215)

Have a look what the booklet for
XYZ(43.5364, 28.2351, 3.8215)
contains.

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Color

**XYZ(43.4650, 28.2032,
3.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5D14
RGB	250, 93, 20
RGB Percent	98%, 36%, 8%
CMY	0.0196, 0.6353, 0.9216
CMYK	0.00, 0.63, 0.92, 0.02
HSL	19°, 96%, 53%
HSV	19°, 92%, 98%
XYZ	43.4650, 28.2032, 3.8147
YIQ	131.6210, 117.0050, 10.5810

Conversions

Conversions Part 2

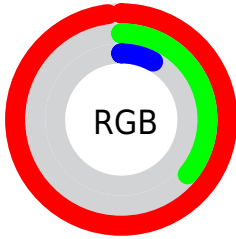
Format	Color
R_{YB}	250, 127, 20
Decimal	16407828
CIE _{Lab}	60.07, 57.32, 65.72
CIE _{LCh}	60, 87.201, 48.904
Yxy	28.2032, 0.5758, 0.3736
Android (android.graphics.Color)	4294597908 (0xFFFA5D14)
YUV	131.6210, -55.0292, 103.8184
Hunter-Lab	53.1067, 53.1561, 32.9158

Details

The XYZ color **43.4650, 28.2032, 3.8147** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **33.2644, 38.4920, 96.1184**, and the grayscale version is **21.9593, 23.1028, 25.1590**.

A 20% lighter version of the original color is **53.2920, 43.2767, 12.3819**, and **20.5514, 11.4020, 1.1176** is the 20% darker color. If you saturate the color by 10%, you get **42.2459, 25.9674, 2.7856**, and if you desaturate by 10%, it is **45.4817, 31.6812, 6.2009**.

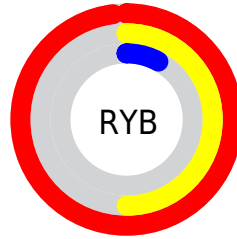
Distribution



Red (98%)

Green (36%)

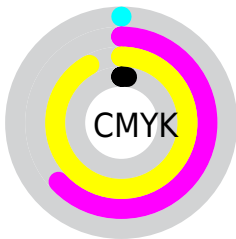
Blue (8%)



Red (98%)

Yellow (50%)

Blue (8%)

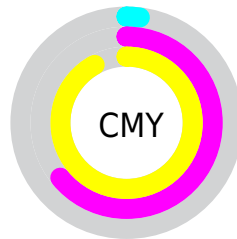


Cyan (0%)

Magenta (63%)

Yellow (92%)

Black (2%)



Cyan (2%)


Magenta (64%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4650, 28.2032, 3.8147 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 43.4650, 28.2032, 3.8147 by changing the saturation by 10% instead.


 43.4650, 28.2032,
3.8147


 43.4650, 28.2032,
3.8147


351.4098,
293.4366, 146.1429


 30.4462, 18.4789,
1.5242


 79.6634, 56.8087,
13.5801


 20.3273, 11.2944,
0.2359


 103.5738, 76.4587,
21.8921


 12.7428, 6.2652,
0.0000


 131.8455,
100.1860, 33.0484

 7.3275, 3.0070,
0.0000

 164.8437,
128.3751, 47.4675

 3.7159, 1.1354,
0.0000

 202.9339,
161.4103, 65.5680


 1.5427, 0.0080,
0.0000

 246.4814,


 0.3546, 0.0000,


199.6760, 87.7684


0.0000


 295.8516,
243.5566, 114.4872


 0.0000, 0.0000,
0.0000


 43.4650, 28.2032,
3.8147


 43.4650, 28.2032,
3.8147


 42.2459, 25.9674,
2.7856

 45.4817, 31.6812,
6.2009

 48.1369, 35.9807,
10.2027

 51.4938, 41.1582,
16.0574

 55.6060, 47.2632,
23.9621

 60.5215, 54.3411,
34.0882

66.2839, 62.4340,
46.5889

72.9333, 71.5814,
61.6038

80.5072, 81.8204,
79.2615

89.0409, 93.1867,
99.6819

Harmonies

Analogous

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



52.5570, 28.2032, 14.8322



43.4650, 28.2032, 3.8147



31.1366, 28.2032, 1.2895

Triad

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



43.4650, 28.2032, 3.8147



10.8199, 28.2032, 20.3645



34.3493, 28.2032, 132.7446

Complementary

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



43.4650, 28.2032, 3.8147



33.2644, 38.4920, 96.1184

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.



22.8973, 28.2032, 138.5553



43.4650, 28.2032, 3.8147



11.2368, 28.2032, 55.1335

Square

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



43.4650, 28.2032, 3.8147



13.7035, 28.2032, 5.4793



15.0626, 28.2032, 103.8565



46.3694, 28.2032, 91.1279

Rectangle

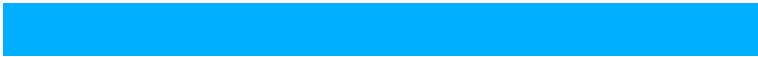
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.4650, 28.2032, 3.8147



23.6305, 28.2032, 1.2409



15.0626, 28.2032, 103.8565



30.2546, 28.2032, 139.6695

Sweetspot

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



43.4656, 28.2048, 3.8151



71.9848, 68.9739, 54.6472



47.6268, 24.0053, 43.8056



14.7925, 13.9116, 10.3239



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.



43.4656, 28.2048, 3.8151



44.1783, 27.1365, 2.9094



62.0656, 65.4049, 10.0152



17.6942, 18.1244, 18.0282



22.5225, 14.0016, 1.5155



2.1770, 1.4788, 0.1707

Inverse Universe

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



33.2644, 38.4920, 96.1184



33.1969, 37.5138, 100.0990



19.2756, 10.5145, 91.4555



17.2740, 18.6249, 22.0698



16.9769, 19.3094, 50.8059



1.6677, 1.9790, 4.7373

Previews

White Background



This preview shows how the XYZ color 43.4650, 28.2032, 3.8147 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 43.4650, 28.2032, 3.8147 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 43.4650, 28.2032, 3.8147

Background



This preview shows how black text looks on a background with the XYZ color 43.4650, 28.2032, 3.8147.



This preview shows how white text looks on a background with the XYZ color 43.4650, 28.2032,

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

43.4650, 28.2032, 3.8147

Protanopia

25.6719, 28.4598, 5.6536

Deuteranopia

28.6169, 28.2442, 3.9434



Tritanopia

45.4848, 28.2845, 13.1874

Trichromacy



Original Color

43.4650, 28.2032, 3.8147

Protanomaly

30.3168, 26.8696, 4.7509

Deuteranomaly

32.7300, 27.1998, 3.7260

Tritanomaly

44.3394, 28.0473, 8.2310

Monochromacy



Original Color

43.4650, 28.2032, 3.8147

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.0460, 22.8262, 12.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4650, 28.2032, 3.8147 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(250, 93, 20)` looks like.

```
.text, #text, p{  
    color:rgb(250, 93, 20)  
}
```

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(250, 93, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 93, 20) }
```

Border

The CSS property to change the border of an element to XYZ 43.4650, 28.2032, 3.8147 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(250, 93, 20) }
```


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

```
.border{ border-color:rgb(250, 93, 20) }
```

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

Here you see how a box with a 4 pixel rgb(250, 93, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 93, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 93, 20);  
box-shadow:4px 4px 4px 4px rgb(250, 93,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4650, 28.2032, 3.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 93, 20) }
```

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

```
.background{ background-color: rgb(250, 93,  
20) }
```

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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