

Converting Colors

XYZ(44.2112, 28.4721, 6.4346)

Have a look what the booklet for
XYZ(44.2112, 28.4721, 6.4346)
contains.

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Color

**XYZ(44.3178, 28.5859,
6.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5D34
RGB	251, 93, 52
RGB Percent	98%, 36%, 20%
CMY	0.0157, 0.6353, 0.7961
CMYK	0.00, 0.63, 0.79, 0.02
HSL	12°, 96%, 59%
HSV	12°, 79%, 98%
XYZ	44.3178, 28.5859, 6.4306
YIQ	135.5680, 107.3290, 20.7450

Conversions

Conversions Part 2

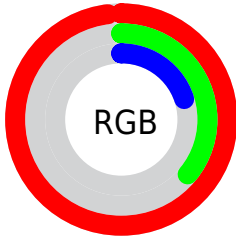
Format	Color
RYB	251, 104, 52
Decimal	16473396
CIELab	60.41, 58.35, 53.86
CIELCh	60, 79.407, 42.712
Yxy	28.5859, 0.5586, 0.3603
Android (android.graphics.Color)	4294663476 (0xFFFB5D34)
YUV	135.5680, -41.1990, 101.2339
Hunter-Lab	53.4658, 54.3936, 30.2949

Details

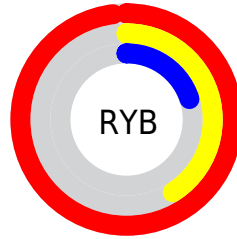
The XYZ color **44.3178, 28.5859, 6.4306** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **41.8726, 53.7830, 99.4402**, and the grayscale version is **23.3626, 24.5792, 26.7668**.

A 20% lighter version of the original color is **54.3857, 43.7142, 18.1416**, and **20.7662, 11.4721, 1.1198** is the 20% darker color. If you saturate the color by 10%, you get **42.3680, 25.3638, 3.6936**, and if you desaturate by 10%, it is **47.0246, 32.8427, 10.9007**.

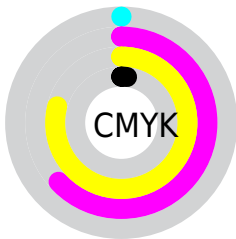
Distribution



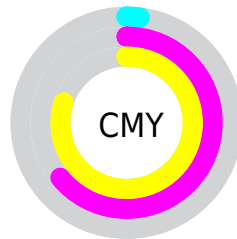
- Red (98%)
- Green (36%)
- Blue (20%)



- Red (98%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (2%)





- Cyan (2%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3178, 28.5859, 6.4306 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 44.3178, 28.5859, 6.4306 by changing the saturation by 10% instead.


 44.3178, 28.5859,
6.4306


 44.3178, 28.5859,
6.4306


354.8339,
295.2561, 172.2922

 31.1194, 18.7678,
3.0356


 80.9391, 57.4185,
19.3112

 20.8421, 11.5026,
1.1129


 105.0928, 77.2018,
29.6339


 13.1204, 6.4060,
0.0000


 133.6289,
101.0756, 43.1030

 7.5891, 3.0935,
0.0000

 166.9128,
129.4243, 60.1369

 3.8827, 1.1807,
0.0000

 205.3100,
162.6323, 81.1542

 1.6360, 0.0459,
0.0000

 249.1856,

 0.4157, 0.0000,

201.0840, 106.5735

0.0000

298.9051,
245.1638, 136.8133

■ 0.0000, 0.0000,
0.0000

■ 44.3178, 28.5859,
6.4306

■ 44.3178, 28.5859,
6.4306

■ 42.3680, 25.3638,
3.6936

■ 47.0246, 32.8427,
10.9007

■ 41.0734, 23.0734,
2.3405

■ 50.5606, 38.2105,
17.3332

■ 40.9991, 22.9406,
2.2671

■ 54.9910, 44.7638,
25.9236

■ 60.3736, 52.5690,
36.8429

■ 66.7612, 61.6875,
50.2452

74.2026, 72.1765,
66.2712

82.7434, 84.0900,
85.0509

92.4264, 97.4788,
106.7057

93.5933, 99.2490,
108.8318

Harmonies

Analogous

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



51.2008, 28.5859, 20.3109



44.3178, 28.5859, 6.4306



33.4382, 28.5859, 2.3812

Triad

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



44.3178, 28.5859, 6.4306



12.3946, 28.5859, 17.2173



31.7277, 28.5859, 124.6278

Complementary

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



44.3178, 28.5859, 6.4306



41.8726, 53.7830, 99.4402

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.



21.7387, 28.5859, 121.7180



44.3178, 28.5859, 6.4306



12.1555, 28.5859, 45.2244

Square

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



44.3178, 28.5859, 6.4306



15.9015, 28.5859, 5.3828



15.1378, 28.5859, 87.0336



42.7981, 28.5859, 93.4938

Rectangle

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



44.3178, 28.5859, 6.4306



26.2508, 28.5859, 1.9617



15.1378, 28.5859, 87.0336



28.1105, 28.5859, 127.9768

Sweetspot

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



44.3184, 28.5876, 6.4311



73.1258, 69.4874, 60.4795



52.7942, 27.6783, 64.3190



15.0762, 14.0602, 11.7097



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.



44.3184, 28.5876, 6.4311



43.0705, 24.8073, 2.8906



59.0994, 58.1494, 11.3580



17.5343, 17.8045, 17.9749



21.6337, 12.2241, 1.2193



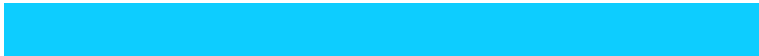
2.0758, 1.2765, 0.1370

Inverse Universe

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



41.8726, 53.7830, 99.4402



40.0621, 51.0032, 102.3409



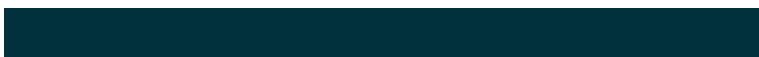
24.5898, 19.2174, 93.6792



17.4443, 18.9654, 22.1266



20.0292, 25.4141, 51.8233



1.9289, 2.5014, 4.8243

Previews

White Background



This preview shows how the XYZ color 44.3178, 28.5859, 6.4306 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 44.3178, 28.5859, 6.4306 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 44.3178, 28.5859, 6.4306

Background



This preview shows how black text looks on a background with the XYZ color 44.3178, 28.5859, 6.4306.



This preview shows how white text looks on a background with the XYZ color 44.3178, 28.5859,

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

44.3178, 28.5859, 6.4306

Protanopia

26.1923, 28.6444, 9.4586

Deuteranopia

29.1273, 28.6790, 5.9199



Tritanopia

45.6104, 28.4652, 13.4463

Trichromacy



Original Color

44.3178, 28.5859, 6.4306

Protanomaly

30.7070, 26.9959, 8.1497

Deuteranomaly

33.4266, 27.5108, 5.9312

Tritanomaly

45.1762, 28.5578, 10.3389

Monochromacy



Original Color

44.3178, 28.5859, 6.4306

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

27.6264, 23.9178, 16.5251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3178, 28.5859, 6.4306 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(251, 93, 52)` looks like.

```
.text, #text, p{  
    color:rgb(251, 93, 52)  
}
```

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(251, 93, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 93, 52) }
```

Border

The CSS property to change the border of an element to XYZ 44.3178, 28.5859, 6.4306 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(251, 93, 52) }
```


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

```
.border{ border-color:rgb(251, 93, 52) }
```

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

Here you see how a box with a 4 pixel rgb(251, 93, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 93, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 93, 52);  
box-shadow:4px 4px 4px 4px rgb(251, 93,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3178, 28.5859, 6.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 93, 52) }
```

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

```
.background{ background-color: rgb(251, 93,  
52) }
```

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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