

Converting Colors

XYZ(41.1353, 28.3657, 5.1408)

Have a look what the booklet for
XYZ(41.1353, 28.3657, 5.1408)
contains.

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Color

**XYZ(41.1353, 28.3657,
5.1408)**

Conversions

Conversions Part 1

Format	Color
Hex	F06726
RGB	240, 103, 38
RGB Percent	94%, 40%, 15%
CMY	0.0588, 0.5960, 0.8510
CMYK	0.00, 0.57, 0.84, 0.06
HSL	19°, 87%, 55%
HSV	19°, 84%, 94%
XYZ	41.1353, 28.3657, 5.1408
YIQ	136.5530, 102.5170, 8.8290

Conversions

Conversions Part 2

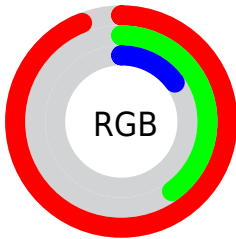
Format	Color
R_{YB}	240, 134, 38
Decimal	15755046
CIE _{Lab}	60.22, 49.68, 59.12
CIE _{LCh}	60, 77.226, 49.960
Yxy	28.3657, 0.5511, 0.3800
Android (android.graphics.Color)	4293945126 (0xFFFF06726)
YUV	136.5530, -48.5866, 90.7230
Hunter-Lab	53.2595, 44.6616, 31.5587

Details

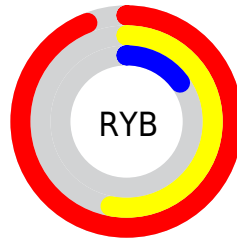
The XYZ color **41.1353, 28.3657, 5.1408** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **31.8561, 37.3606, 87.9698**, and the grayscale version is **23.7606, 24.9980, 27.2228**.

A 20% lighter version of the original color is **55.1424, 46.1121, 15.6671**, and **19.0028, 11.4267, 1.2040** is the 20% darker color. If you saturate the color by 10%, you get **39.4008, 25.3300, 3.2281**, and if you desaturate by 10%, it is **43.4353, 32.1345, 8.4711**.

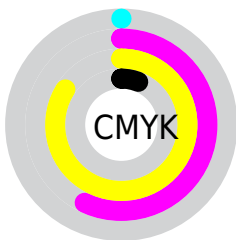
Distribution



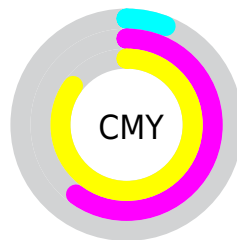
- Red (94%)
- Green (40%)
- Blue (15%)



- Red (94%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (57%)
- Yellow (84%)
- Black (6%)





- Cyan (6%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1353, 28.3657, 5.1408 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 41.1353, 28.3657, 5.1408 by changing the saturation by 10% instead.


 41.1353, 28.3657,
5.1408


 41.1353, 28.3657,
5.1408

341.9387,
294.2103, 160.1679


 28.6130, 18.6015,
2.2699


 76.1627, 57.0678,
16.5654


 18.9310, 11.3827,
0.7143


 99.3984, 76.7744,
25.9562

 11.7242, 6.3249,
0.0000


 126.9359,
100.5641, 38.3573

 6.6270, 3.0436,
0.0000

 159.1407,
128.8210, 54.1874

 3.2742, 1.1545,
0.0000

 196.3780,
161.9297, 73.8650

 1.3004, 0.0241,
0.0000

 239.0132,

 0.1835, 0.0000,

200.2746, 97.8086

0.0000

287.4116,
244.2400, 126.4367

■ 0.0000, 0.0000,
0.0000

■ 41.1353, 28.3657,
5.1408

■ 41.1353, 28.3657,
5.1408

■ 39.4008, 25.3300,
3.2281

■ 43.4353, 32.1345,
8.4711


■ 38.6053, 23.8660,
2.5719


■ 46.3572, 36.6820,
13.4416


■ 49.9514, 42.0548,
20.2372


■ 54.2618, 48.2938,
29.0168

■ 59.3283, 55.4372,
39.9222

 65.1876, 63.5206,
53.0820

 71.8739, 72.5777,
68.6145

 79.4191, 82.6404,
86.6297

 87.8537, 93.7391,
107.2305

Harmonies

Analogous

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



49.0711, 28.3657, 15.7773



41.1353, 28.3657, 5.1408



30.4132, 28.3657, 2.3099

Triad

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



41.1353, 28.3657, 5.1408



12.2381, 28.3657, 22.3317



33.9858, 28.3657, 115.5432

Complementary

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



41.1353, 28.3657, 5.1408



31.8561, 37.3606, 87.9698

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.



23.7800, 28.3657, 121.5157



41.1353, 28.3657, 5.1408



12.7476, 28.3657, 53.4513

Square

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



41.1353, 28.3657, 5.1408



14.8670, 28.3657, 7.4299



16.4857, 28.3657, 94.1425



44.2938, 28.3657, 80.8285

Rectangle

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



41.1353, 28.3657, 5.1408



23.8042, 28.3657, 2.3076



16.4857, 28.3657, 94.1425



30.3847, 28.3657, 121.5489

Sweetspot

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



41.1359, 28.3673, 5.1413



74.1565, 72.0026, 59.4240



44.4679, 23.0474, 43.1966



15.3489, 14.6924, 11.5333



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.



41.1359, 28.3673, 5.1413



44.2621, 27.3042, 2.9374



57.6328, 61.3611, 10.6402



16.1881, 16.5893, 16.4986



21.2398, 13.2778, 1.4434



1.8537, 1.2780, 0.1490

Inverse Universe

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



31.8561, 37.3606, 87.9698



32.9814, 37.0828, 100.0271



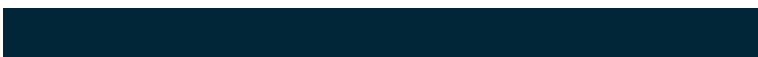
19.0460, 11.7403, 83.6998



15.7936, 17.0213, 20.1746



15.8821, 17.9885, 47.7629



1.4108, 1.6757, 4.0033

Previews

White Background



This preview shows how the XYZ color 41.1353, 28.3657, 5.1408 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 41.1353, 28.3657, 5.1408 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 41.1353, 28.3657, 5.1408

Background



This preview shows how black text looks on a background with the XYZ color 41.1353, 28.3657, 5.1408.



This preview shows how white text looks on a background with the XYZ color 41.1353, 28.3657,

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

41.1353, 28.3657, 5.1408

Protanopia

25.9375, 28.5660, 7.0525

Deuteranopia

28.9910, 28.4214, 4.6674



Tritanopia

43.3408, 28.4059, 16.0305

Trichromacy



Original Color

41.1353, 28.3657, 5.1408

Protanomaly

29.9421, 27.2311, 6.1606

Deuteranomaly

32.4333, 27.5837, 4.6517

Tritanomaly

42.1488, 28.1890, 10.6167

Monochromacy



Original Color

41.1353, 28.3657, 5.1408

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.1381, 24.6055, 15.6309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1353, 28.3657, 5.1408 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(240, 103, 38)` looks like.

```
.text, #text, p{  
    color:rgb(240, 103, 38)  
}
```

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(240, 103, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 103, 38) }
```

Border

The CSS property to change the border of an element to XYZ 41.1353, 28.3657, 5.1408 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(240, 103, 38) }
```


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

```
.border{ border-color:rgb(240, 103, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 103, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 103, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 103, 38);  
box-shadow:4px 4px 4px 4px rgb(240, 103,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1353, 28.3657, 5.1408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 103, 38) }
```

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

```
.background{ background-color: rgb(240,  
103, 38) }
```

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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