

Converting Colors

XYZ(41.6253, 27.2631, 3.3556)

Have a look what the booklet for
XYZ(41.6253, 27.2631, 3.3556)
contains.

XYZ(41.6253, 27.2631, 3.3556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.6253, 27.2631,
3.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	F55D0A
RGB	245, 93, 10
RGB Percent	96%, 36%, 4%
CMY	0.0392, 0.6353, 0.9608
CMYK	0.00, 0.62, 0.96, 0.04
HSL	21°, 92%, 50%
HSV	21°, 96%, 96%
XYZ	41.6253, 27.2631, 3.3556
YIQ	128.9860, 117.2350, 6.4110

Conversions

Conversions Part 2

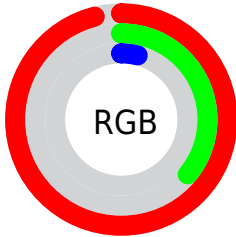
Format	Color
RYB	245, 138, 10
Decimal	16080138
CIELab	59.22, 55.49, 66.98
CIElCh	59, 86.980, 50.359
Yxy	27.2631, 0.5762, 0.3774
Android (android.graphics.Color)	4294270218 (0xFFF55D0A)
YUV	128.9860, -58.6601, 101.7443
Hunter-Lab	52.2141, 50.9264, 32.7395

Details

The XYZ color **41.6253, 27.2631, 3.3556** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **29.5261, 32.4962, 91.1016**, and the grayscale version is **21.0331, 22.1285, 24.0979**.

A 20% lighter version of the original color is **52.9354, 42.8820, 11.2814**, and **19.3944, 10.8474, 1.0715** is the 20% darker color. If you saturate the color by 10%, you get **41.0267, 26.1541, 2.8859**, and if you desaturate by 10%, it is **43.4052, 30.4373, 5.1392**.

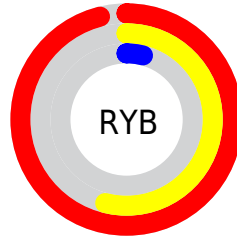
Distribution



Red (96%)

Green (36%)

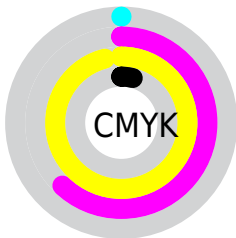
Blue (4%)



Red (96%)

Yellow (54%)

Blue (4%)

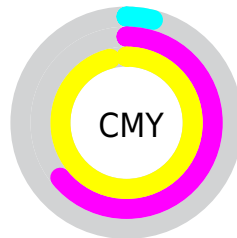


Cyan (0%)

Magenta (62%)

Yellow (96%)

Black (4%)



Cyan (4%)


Magenta (64%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6253, 27.2631, 3.3556 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 41.6253, 27.2631, 3.3556 by changing the saturation by 10% instead.


 41.6253, 27.2631,
3.3556


 41.6253, 27.2631,
3.3556

343.9454,
288.9288, 140.7683


 28.9978, 17.7709,
1.2789


 76.9009, 55.3058,
12.4940


 19.2235, 10.7856,
0.0444


 100.2798, 74.6250,
20.3928

 11.9368, 5.9229,
0.0000


 127.9732, 97.9888,
31.0694

 6.7726, 2.7982,
0.0000

 160.3465,
125.7815, 44.9423

 3.3653, 1.0273,
0.0000

 197.7650,
158.3874, 62.4302


 1.3498, 0.0000,
0.0000


 240.5941,


 0.2200, 0.0000,


196.1910, 83.9514


0.0000


 289.1991,
239.5766, 109.9246


 0.0000, 0.0000,
0.0000


 41.6253, 27.2631,
3.3556

 41.6253, 27.2631,
3.3556


 41.0267, 26.1541,
2.8859

 43.4052, 30.4373,
5.1392

 45.7414, 34.3201,
8.3521

 48.6952, 38.9615,
13.2403

 52.3177, 44.4047,
20.0026

 56.6538, 50.6888,
28.8097

61.7439, 57.8503,
39.8129

67.6252, 65.9231,
53.1489

74.3323, 74.9392,
68.9432

81.8975, 84.9291,
87.3122

Harmonies

Analogous

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



50.7959, 27.2631, 13.3764



41.6253, 27.2631, 3.3556



29.5647, 27.2631, 1.1541

Triad

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



41.6253, 27.2631, 3.3556



10.3104, 27.2631, 20.7636



33.8669, 27.2631, 128.2750

Complementary

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



41.6253, 27.2631, 3.3556



29.5261, 32.4962, 91.1016

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.



22.5747, 27.2631, 136.0900



41.6253, 27.2631, 3.3556



10.8655, 27.2631, 55.6913

Square

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



41.6253, 27.2631, 3.3556



12.9420, 27.2631, 5.5587



14.7548, 27.2631, 103.5257



45.5194, 27.2631, 86.4208

Rectangle

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



41.6253, 27.2631, 3.3556



22.3405, 27.2631, 1.1691



14.7548, 27.2631, 103.5257



29.8469, 27.2631, 135.7312

Sweetspot

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



41.6259, 27.2647, 3.3560



71.9398, 69.3065, 53.3288



44.3531, 22.2650, 36.4937



14.8111, 14.0282, 10.0854



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.



41.6259, 27.2647, 3.3560



44.9021, 28.5842, 3.1507



60.6956, 65.4041, 9.7126



16.9780, 17.4401, 17.2690



22.2199, 14.3253, 1.5940



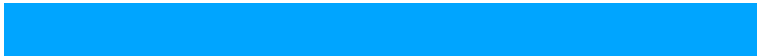
2.0459, 1.4451, 0.1711

Inverse Universe

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



29.5261, 32.4962, 91.1016



31.4924, 34.1049, 99.5308



17.5547, 8.5534, 87.1111



16.4755, 17.7153, 21.0936



15.6434, 17.0806, 49.0104



1.4714, 1.6941, 4.3397

Previews

White Background



This preview shows how the XYZ color 41.6253, 27.2631, 3.3556 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 41.6253, 27.2631, 3.3556 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 41.6253, 27.2631, 3.3556

Background



This preview shows how black text looks on a background with the XYZ color 41.6253, 27.2631, 3.3556.



This preview shows how white text looks on a background with the XYZ color 41.6253, 27.2631,

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

41.6253, 27.2631, 3.3556

Protanopia

24.7182, 27.3011, 5.0038

Deuteranopia

27.6266, 27.3116, 3.8156



Tritanopia

43.6977, 27.3633, 13.1037

Trichromacy



Original Color

41.6253, 27.2631, 3.3556

Protanomaly

29.2072, 25.9278, 4.1747

Deuteranomaly

31.6402, 26.2791, 3.5196

Tritanomaly

42.4479, 27.0854, 7.5482

Monochromacy



Original Color

41.6253, 27.2631, 3.3556

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.7197, 21.8206, 11.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6253, 27.2631, 3.3556 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(245, 93, 10)` looks like.

```
.text, #text, p{  
    color:rgb(245, 93, 10)  
}
```

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(245, 93, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 93, 10) }
```

Border

The CSS property to change the border of an element to XYZ 41.6253, 27.2631, 3.3556 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(245, 93, 10) }
```


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

```
.border{ border-color:rgb(245, 93, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 93, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 93, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 93, 10);  
box-shadow:4px 4px 4px 4px rgb(245, 93,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6253, 27.2631, 3.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 93, 10) }
```

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

```
.background{ background-color: rgb(245, 93,  
10) }
```

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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