

Converting Colors

XYZ(43.4652, 27.4497, 6.3131)

Have a look what the booklet for
XYZ(43.4652, 27.4497, 6.3131)
contains.

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Color

**XYZ(43.4524, 27.3883,
6.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5734
RGB	250, 87, 52
RGB Percent	98%, 34%, 20%
CMY	0.0196, 0.6588, 0.7961
CMYK	0.00, 0.65, 0.79, 0.02
HSL	11°, 95%, 59%
HSV	11°, 79%, 98%
XYZ	43.4524, 27.3883, 6.2451
YIQ	131.7470, 108.3830, 23.6710

Conversions

Conversions Part 2

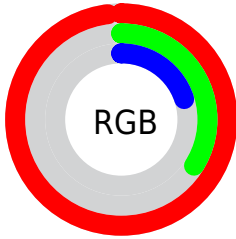
Format	Color
R_{YB}	250, 95, 52
Decimal	16406324
CIE _{Lab}	59.33, 60.47, 52.75
CIE _{LCh}	59, 80.247, 41.100
Yxy	27.3883, 0.5637, 0.3553
Android (android.graphics.Color)	4294596404 (0xFFFA5734)
YUV	131.7470, -39.3153, 103.7079
Hunter-Lab	52.3338, 56.6230, 29.5585

Details

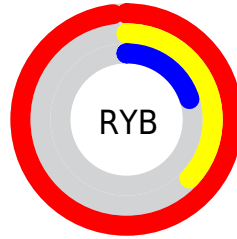
The XYZ color **43.4524, 27.3883, 6.2451** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **42.9694, 56.2281, 99.0303**, and the grayscale version is **21.9521, 23.0953, 25.1508**.

A 20% lighter version of the original color is **53.5622, 42.1461, 17.6239**, and **20.2632, 10.8168, 1.0486** is the 20% darker color. If you saturate the color by 10%, you get **41.5954, 24.3500, 3.5447**, and if you desaturate by 10%, it is **46.0831, 31.4986, 10.6724**.

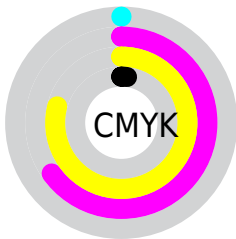
Distribution



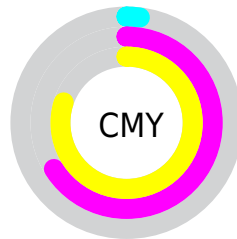
- Red (98%)
- Green (34%)
- Blue (20%)



- Red (98%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (79%)
- Black (2%)





- Cyan (2%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4524, 27.3883, 6.2451 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 43.4524, 27.3883, 6.2451 by changing the saturation by 10% instead.


 43.4524, 27.3883,
6.2451


 43.4524, 27.3883,
6.2451

351.3590,
289.5323, 170.6204


 30.4363, 17.8651,
2.9235


 79.6446, 55.5063,
18.9239


 20.3197, 10.8532,
1.0557


 103.5513, 74.8699,
29.1182

 12.7373, 5.9682,
0.0000


 131.8190, 98.2824,
42.4405

 7.3236, 2.8257,
0.0000

 164.8130,
126.1282, 59.3093

 3.7134, 1.0414,
0.0000

 202.8987,
158.7917, 80.1431

 1.5413, 0.0000,
0.0000

 246.4413,

 0.3537, 0.0000,

196.6573, 105.3606

0.0000

295.8063,
240.1094, 135.3802

■ 0.0000, 0.0000,
0.0000

■ 43.4524, 27.3883,
6.2451

■ 43.4524, 27.3883,
6.2451

■ 41.5954, 24.3500,
3.5447

■ 46.0831, 31.4986,
10.6724

■ 40.4063, 22.2706,
2.2265


■ 49.5637, 36.7658,
17.0549


■ 40.3324, 22.1404,
2.1478


■ 53.9627, 43.2718,
25.5872


■ 59.3409, 51.0893,
36.4399

■ 65.7536, 60.2854,
49.7662

 73.2521, 70.9226,
65.7064

 81.8841, 83.0595,
84.3901

 91.6946, 96.7515,
105.9383

 93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



49.9353, 27.3883, 20.3951



43.4524, 27.3883, 6.2451



32.7972, 27.3883, 2.1386

Triad

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



43.4524, 27.3883, 6.2451



11.7086, 27.3883, 15.2611



29.9272, 27.3883, 123.5928

Complementary

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



43.4524, 27.3883, 6.2451



42.9694, 56.2281, 99.0303

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.



20.2672, 27.3883, 118.6397



43.4524, 27.3883, 6.2451



11.3143, 27.3883, 41.7790

Square

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



43.4524, 27.3883, 6.2451



15.2938, 27.3883, 4.5516



14.0282, 27.3883, 82.9138



40.8922, 27.3883, 93.8764

Rectangle

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



43.4524, 27.3883, 6.2451



25.6629, 27.3883, 1.6658



14.0282, 27.3883, 82.9138



26.4041, 27.3883, 126.2535

Sweetspot

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



43.4530, 27.3899, 6.2455



72.6959, 68.6276, 60.3362



53.1765, 27.7897, 68.2067



14.9754, 13.8587, 11.6761



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.



43.4530, 27.3899, 6.2455



42.7051, 24.0766, 2.7688



57.1845, 54.8528, 10.8227



17.4927, 17.7213, 17.9610



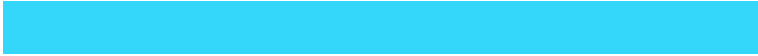
21.4660, 11.8886, 1.1633



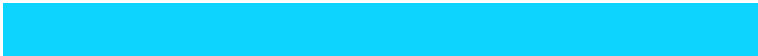
2.0544, 1.2337, 0.1299

Inverse Universe

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



42.9694, 56.2281, 99.0303



41.7974, 54.4739, 102.9193



25.1500, 20.5892, 93.0905



17.4894, 19.0557, 22.1416



20.9299, 27.2154, 52.1235



2.0046, 2.6528, 4.8496

Previews

White Background



This preview shows how the XYZ color 43.4524, 27.3883, 6.2451 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 43.4524, 27.3883, 6.2451 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 43.4524, 27.3883, 6.2451

Background



This preview shows how black text looks on a background with the XYZ color 43.4524, 27.3883, 6.2451.



This preview shows how white text looks on a background with the XYZ color 43.4524, 27.3883,

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

43.4524, 27.3883, 6.2451

Protanopia

25.1639, 27.4332, 9.4377

Deuteranopia

27.9764, 27.4516, 5.6579



Tritanopia

44.5972, 27.3839, 11.9519

Trichromacy



Original Color

43.4524, 27.3883, 6.2451

Protanomaly

29.6907, 25.7202, 7.9571

Deuteranomaly

32.0913, 26.1104, 5.6339

Tritanomaly

44.1900, 27.3443, 9.4275

Monochromacy



Original Color

43.4524, 27.3883, 6.2451

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.3728, 22.5840, 15.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4524, 27.3883, 6.2451 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, 87, 52)` looks like.

```
.text, #text, p{  
    color:rgb(250, 87, 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(250, 87, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 87, 52) }
```

Border

The CSS property to change the border of an element to XYZ 43.4524, 27.3883, 6.2451 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, 87, 52) }
```


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

```
.border{ border-color:rgb(250, 87, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 87, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 87, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 87, 52);  
box-shadow:4px 4px 4px 4px rgb(250, 87,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4524, 27.3883, 6.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 87, 52) }
```

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

```
.background{ background-color: rgb(250, 87,  
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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