

Converting Colors

XYZ(43.9053, 27.7064, 7.9853)

Have a look what the booklet for
XYZ(43.9053, 27.7064, 7.9853)
contains.

XYZ(43.8682, 27.6851, 8.0327)	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(43.8682, 27.6851,
8.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	FA5841
RGB	250, 88, 65
RGB Percent	98%, 35%, 25%
CMY	0.0196, 0.6549, 0.7451
CMYK	0.00, 0.65, 0.74, 0.02
HSL	7°, 95%, 62%
HSV	7°, 74%, 98%
XYZ	43.8682, 27.6851, 8.0327
YIQ	133.8160, 103.9350, 27.1910

Conversions

Conversions Part 2

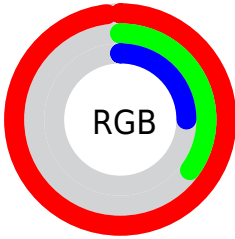
Format	Color
R_{YB}	250, 91, 65
Decimal	16406593
CIE _{Lab}	59.60, 60.53, 46.47
CIE _{LCh}	60, 76.308, 37.515
Yxy	27.6851, 0.5512, 0.3479
Android (android.graphics.Color)	4294596673 (0xFFFA5841)
YUV	133.8160, -33.9263, 101.8934
Hunter-Lab	52.6166, 56.7422, 27.7802

Details

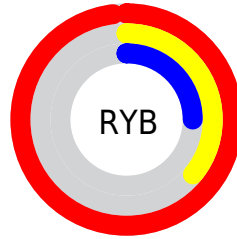
The XYZ color **43.8682, 27.6851, 8.0327** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **46.9016, 62.9585, 100.1221**, and the grayscale version is **22.6877, 23.8692, 25.9936**.

A 20% lighter version of the original color is **54.4027, 42.7257, 21.2991**, and **20.6542, 11.0599, 1.6623** is the 20% darker color. If you saturate the color by 10%, you get **41.7623, 24.3875, 4.5137**, and if you desaturate by 10%, it is **46.8348, 32.1926, 13.4184**.

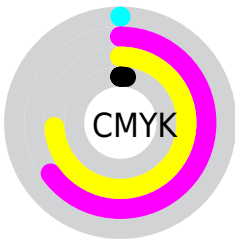
Distribution



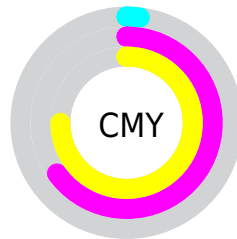
- Red (98%)
- Green (35%)
- Blue (25%)



- Red (98%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (74%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8682, 27.6851, 8.0327 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 43.8682, 27.6851, 8.0327 by changing the saturation by 10% instead.


 43.8682, 27.6851,
8.0327


 43.8682, 27.6851,
8.0327


353.0315,
290.9591, 185.9324


 30.7644, 18.0884,
4.0278


 80.2670, 55.9813,
22.5698

 20.5704, 11.0135,
1.6406


 104.2926, 75.4496,
33.9390

 12.9210, 6.0759,
0.3196


 132.6895, 98.9772,
48.6001

 7.4508, 2.8913,
0.0000

 165.8232,
126.9486, 66.9716

 3.7944, 1.0752,
0.0000

 204.0588,
159.7481, 89.4720

 1.5865, 0.0000,
0.0000

 247.7618,

 0.3836, 0.0000,

197.7600, 116.5200

0.0000

297.2976,
241.3689, 148.5339

■ 0.0000, 0.0000,
0.0000

■ 43.8682, 27.6851,
8.0327

■ 43.8682, 27.6851,
8.0327

■ 41.7623, 24.3875,
4.5137

■ 46.8348, 32.1926,
13.4184

■ 40.4195, 22.1769,
2.6022


■ 50.7417, 38.0078,
20.8818


■ 39.9165, 21.3087,
2.0092


■ 55.6610, 45.2237,
30.6067

■ 61.6574, 53.9238,
42.7564

■ 68.7900, 64.1848,
57.4790

 77.1138, 76.0780,
74.9107

 86.6800, 89.6705,
95.1782

 93.2341, 99.0638,
108.8150

Harmonies

Analogous

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



49.2241, 27.6851, 23.7372



43.8682, 27.6851, 8.0327



34.0354, 27.6851, 2.9168

Triad

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



43.8682, 27.6851, 8.0327



12.6628, 27.6851, 14.0924



28.8062, 27.6851, 118.9847

Complementary

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



43.8682, 27.6851, 8.0327



46.9016, 62.9585, 100.1221

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.



19.8585, 27.6851, 110.2895



43.8682, 27.6851, 8.0327



11.9127, 27.6851, 37.6118

Square

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



43.8682, 27.6851, 8.0327



16.5859, 27.6851, 4.6330



14.2062, 27.6851, 75.2421



39.2523, 27.6851, 94.6530

Rectangle

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



43.8682, 27.6851, 8.0327



27.1235, 27.6851, 2.1567



14.2062, 27.6851, 75.2421



25.5205, 27.6851, 119.9989

Sweetspot

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



43.8688, 27.6867, 8.0331



73.5790, 69.4625, 63.5016



55.3759, 29.7292, 76.5217



15.2753, 14.1891, 12.6059



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.



43.8688, 27.6867, 8.0331



42.8778, 24.1994, 3.5128



56.5150, 52.9791, 12.2485



17.4185, 17.5729, 17.9363



21.2277, 11.4121, 1.0839



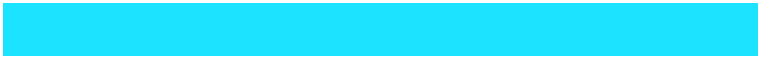
2.0194, 1.1637, 0.1182

Inverse Universe

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



46.9016, 62.9585, 100.1221



45.9372, 62.2815, 104.2081



28.2277, 25.6109, 93.8975



17.5708, 19.2184, 22.1687



22.6495, 30.6545, 52.6967



2.1478, 2.9392, 4.8973

Previews

White Background



This preview shows how the XYZ color 43.8682, 27.6851, 8.0327 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 43.8682, 27.6851, 8.0327 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 43.8682, 27.6851, 8.0327

Background



This preview shows how black text looks on a background with the XYZ color 43.8682, 27.6851, 8.0327.



This preview shows how white text looks on a background with the XYZ color 43.8682, 27.6851,

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

43.8682, 27.6851, 8.0327

Protanopia

25.6351, 27.8402, 12.2062

Deuteranopia

28.2019, 27.7414, 7.3582



Tritanopia

44.8776, 27.7444, 12.6628

Trichromacy



Original Color

43.8682, 27.6851, 8.0327

Protanomaly

29.9980, 26.0135, 10.2775

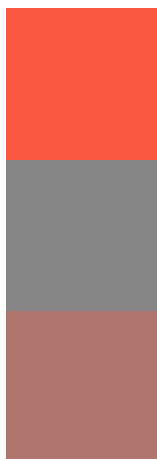
Deuteranomaly

32.5374, 26.4783, 7.3989

Tritanomaly

44.5967, 27.7589, 10.7921

Monochromacy



Original Color

43.8682, 27.6851, 8.0327

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

27.0261, 23.0568, 17.4940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8682, 27.6851, 8.0327 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, 88, 65)` looks like.

```
.text, #text, p{  
    color:rgb(250, 88, 65)  
}
```

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, 88, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 88, 65) }
```

Border

The CSS property to change the border of an element to XYZ 43.8682, 27.6851, 8.0327 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, 88, 65) }
```


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

```
.border{ border-color:rgb(250, 88, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 88, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 88, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 88, 65);  
box-shadow:4px 4px 4px 4px rgb(250, 88,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8682, 27.6851, 8.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 88, 65) }
```

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

```
.background{ background-color: rgb(250, 88,  
65) }
```

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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