

Converting Colors

XYZ(43.9825, 27.9275, 6.7183)

Have a look what the booklet for
XYZ(43.9825, 27.9275, 6.7183)
contains.

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Color

**XYZ(44.0456, 27.9298,
6.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5937
RGB	251, 89, 55
RGB Percent	98%, 35%, 22%
CMY	0.0157, 0.6509, 0.7843
CMYK	0.00, 0.65, 0.78, 0.02
HSL	10°, 96%, 60%
HSV	10°, 78%, 98%
XYZ	44.0456, 27.9298, 6.6840
YIQ	133.5620, 107.4660, 23.7700

Conversions

Conversions Part 2

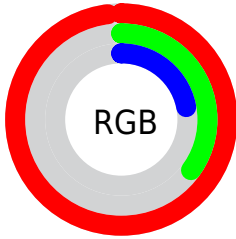
Format	Color
R_{YB}	251, 96, 55
Decimal	16472375
CIE _{Lab}	59.83, 60.09, 51.84
CIE _{LCh}	60, 79.359, 40.783
Yxy	27.9298, 0.5600, 0.3551
Android (android.graphics.Color)	4294662455 (0xFFFB5937)
YUV	133.5620, -38.7311, 102.9931
Hunter-Lab	52.8487, 56.2819, 29.4954

Details

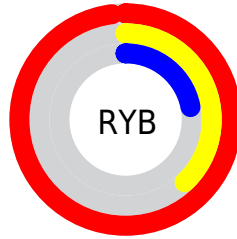
The XYZ color **44.0456, 27.9298, 6.6840** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **43.7984, 57.3979, 100.0365**, and the grayscale version is **22.6105, 23.7880, 25.9052**.

A 20% lighter version of the original color is **54.0176, 42.8172, 18.5142**, and **20.6037, 11.1033, 1.2008** is the 20% darker color. If you saturate the color by 10%, you get **42.0997, 24.7688, 3.7837**, and if you desaturate by 10%, it is **46.7846, 32.1889, 11.3563**.

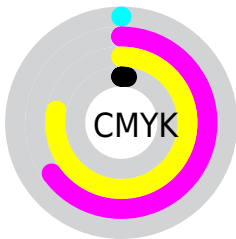
Distribution



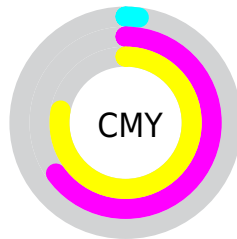
- Red (98%)
- Green (35%)
- Blue (22%)



- Red (98%)
- Yellow (38%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (78%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0456, 27.9298, 6.6840 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 44.0456, 27.9298, 6.6840 by changing the saturation by 10% instead.


 44.0456, 27.9298,
6.6840


 44.0456, 27.9298,
6.6840


353.7434,
292.1313, 174.5416


 30.9044, 18.2727,
3.1898


 80.5323, 56.3723,
19.8366


 20.6776, 11.1460,
1.1924


 104.6085, 75.9266,
30.3320

 12.9996, 6.1651,
0.0000


 133.0604, 99.5488,
43.9983

 7.5053, 2.9457,
0.0000

 166.2534,
127.6232, 61.2541

 3.8292, 1.1035,
0.0000

 204.5529,
160.5343, 82.5177

 1.6060, 0.0000,
0.0000

 248.3241,

 0.3963, 0.0000,

198.6664, 108.2078

0.0000

297.9325,
242.4039, 138.7429

■ 0.0000, 0.0000,
0.0000

■ 44.0456, 27.9298,
6.6840

■ 44.0456, 27.9298,
6.6840

■ 42.0997, 24.7688,
3.7837

■ 46.7846, 32.1889,
11.3563

■ 40.8471, 22.5945,
2.3462

■ 50.3928, 37.6317,
18.0266

■ 40.6674, 22.2773,
2.1565

■ 54.9389, 44.3409,
26.8883

■ 60.4839, 52.3900,
38.1117

■ 67.0839, 61.8471,
51.8502

74.7903, 72.7755,
68.2439

83.6513, 85.2344,
87.4230

93.5830, 99.2284,
108.8284

93.5933, 99.2491,
108.8318

Harmonies

Analogous

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



50.4338, 27.9298, 21.1818



44.0456, 27.9298, 6.6840



33.4336, 27.9298, 2.3642

Triad

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



44.0456, 27.9298, 6.6840



12.1532, 27.9298, 15.5818



30.3311, 27.9298, 123.7039

Complementary

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



44.0456, 27.9298, 6.6840



43.7984, 57.3979, 100.0365

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.



20.6767, 27.9298, 118.4094



44.0456, 27.9298, 6.6840



11.7212, 27.9298, 41.9932

Square

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



44.0456, 27.9298, 6.6840



15.8127, 27.9298, 4.7982



14.4314, 27.9298, 82.8249



41.2868, 27.9298, 94.5724

Rectangle

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



44.0456, 27.9298, 6.6840



26.2831, 27.9298, 1.8462



14.4314, 27.9298, 82.8249



26.8115, 27.9298, 126.1991

Sweetspot

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



44.0462, 27.9314, 6.6844



73.4420, 69.6582, 62.0082



53.8481, 28.3210, 69.1867



15.1173, 14.0541, 11.9954



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.



44.0462, 27.9314, 6.6844



42.7862, 24.2109, 2.8813



57.9617, 55.7624, 11.3229



17.4880, 17.7119, 17.9594



21.4487, 11.8540, 1.1576



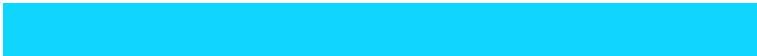
2.0522, 1.2292, 0.1291

Inverse Universe

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



43.7984, 57.3979, 100.0365



42.1489, 55.1181, 103.0251



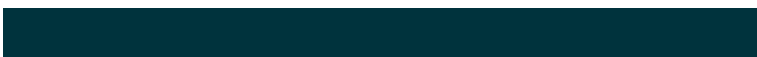
25.7448, 21.2907, 94.0187



17.4945, 19.0659, 22.1433



21.0341, 27.4237, 52.1582



2.0133, 2.6703, 4.8525

Previews

White Background



This preview shows how the XYZ color 44.0456, 27.9298, 6.6840 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 44.0456, 27.9298, 6.6840 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 44.0456, 27.9298, 6.6840

Background



This preview shows how black text looks on a background with the XYZ color 44.0456, 27.9298, 6.6840.



This preview shows how white text looks on a background with the XYZ color 44.0456, 27.9298,

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

44.0456, 27.9298, 6.6840

Protanopia

25.7599, 28.1793, 10.0427

Deuteranopia

28.4196, 27.8822, 6.0744



Tritanopia

45.2388, 27.9306, 12.6797

Trichromacy



Original Color

44.0456, 27.9298, 6.6840

Protanomaly

30.2801, 26.3863, 8.4982

Deuteranomaly

32.6832, 26.7600, 6.1319

Tritanomaly

44.8122, 27.8868, 10.0420

Monochromacy



Original Color

44.0456, 27.9298, 6.6840

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

27.1597, 23.3239, 16.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0456, 27.9298, 6.6840 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, 89, 55)` looks like.

```
.text, #text, p{  
    color:rgb(251, 89, 55)  
}
```

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, 89, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 89, 55) }
```

Border

The CSS property to change the border of an element to XYZ 44.0456, 27.9298, 6.6840 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, 89, 55) }
```


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

```
.border{ border-color:rgb(251, 89, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 89, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 89, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 89, 55);  
box-shadow:4px 4px 4px 4px rgb(251, 89,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0456, 27.9298, 6.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 89, 55) }
```

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

```
.background{ background-color: rgb(251, 89,  
55) }
```

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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