

Converting Colors

XYZ(15.8827, 15.6464, 4.0167)

Have a look what the booklet for
XYZ(15.8827, 15.6464, 4.0167)
contains.

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Color

**XYZ(15.8827, 15.6464,
4.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6926
RGB	138, 105, 38
RGB Percent	54%, 41%, 15%
CMY	0.4588, 0.5882, 0.8510
CMYK	0.00, 0.24, 0.72, 0.46
HSL	40°, 57%, 35%
HSV	40°, 72%, 54%
XYZ	15.8827, 15.6464, 4.0167
YIQ	107.2290, 41.1750, -13.8410

Conversions

Conversions Part 2

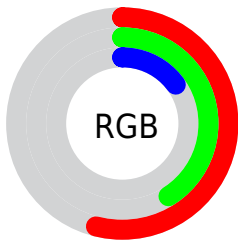
Format	Color
R_{YB}	87, 138, 38
Decimal	9070886
CIE _{Lab}	46.51, 5.97, 41.19
CIE _{LCh}	47, 41.623, 81.749
Yxy	15.6464, 0.4468, 0.4402
Android (android.graphics.Color)	4287260966 (0xFF8A6926)
YUV	107.2290, -34.1299, 26.9862
Hunter-Lab	39.5555, 2.4508, 21.6682

Details

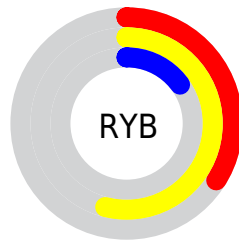
The XYZ color **15.8827, 15.6464, 4.0167** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.6400, 6.7533, 24.9455**, and the grayscale version is **14.1230, 14.8585, 16.1809**.

A 20% lighter version of the original color is **35.8569, 35.9344, 14.0630**, and **5.1692, 4.9109, 0.6755** is the 20% darker color. If you saturate the color by 10%, you get **15.2487, 14.6710, 2.9033**, and if you desaturate by 10%, it is **16.6249, 16.7060, 5.5739**.

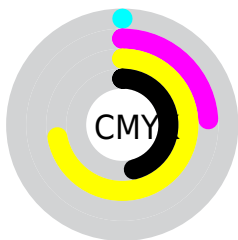
Distribution



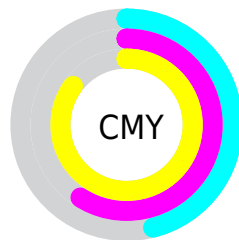
- Red (54%)
- Green (41%)
- Blue (15%)



- Red (34%)
- Yellow (54%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (72%)
- Black (46%)





- Cyan (46%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8827, 15.6464, 4.0167 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 15.8827, 15.6464, 4.0167 by changing the saturation by 10% instead.


 15.8827, 15.6464,
4.0167


 15.8827, 15.6464,
4.0167


221.9326,
227.2461, 148.4108


 9.5315, 9.2743,
1.6345


 35.9535, 35.9832,
14.0483


 5.1493, 4.9205,
0.3153

 50.4039, 50.7168,
22.5347


 2.3708, 2.2007,
0.0000

 68.2847, 69.0062,
33.8930

 0.8305, 0.7204,
0.0000

 89.9613, 91.2360,
48.5416

 0.0000, 0.0000,
0.0000

 115.7990,
117.7904, 66.8992

 146.1632,

149.0540, 89.3842

181.4193,
185.4111, 116.4153

■ 15.8827, 15.6464,
4.0167

■ 15.8827, 15.6464,
4.0167

■ 15.2487, 14.6710,
2.9033

■ 16.6249, 16.7060,
5.5739

■ 14.7117, 13.7730,
2.1818

■ 17.4827, 17.8516,
7.6173

■ 14.3487, 13.1383,
1.7797

■ 18.4641, 19.0876,
10.1853

■ 19.5760, 20.4172,
13.3121

■ 20.8246, 21.8437,
17.0292

■ 22.2157, 23.3697,
21.3656

■ 23.7548, 24.9982,
26.3482

■ 25.4471, 26.7316,
32.0027

■ 27.2975, 28.5725,
38.3530

Harmonies

Analogous

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



19.5598, 15.6464, 5.7612



15.8827, 15.6464, 4.0167



12.4610, 15.6464, 4.4926

Triad

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



15.8827, 15.6464, 4.0167



9.3443, 15.6464, 25.4470



20.9673, 15.6464, 32.4122

Complementary

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



15.8827, 15.6464, 4.0167



7.6400, 6.7533, 24.9455

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.



17.5743, 15.6464, 42.7340



15.8827, 15.6464, 4.0167



10.9994, 15.6464, 37.7145

Square

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



15.8827, 15.6464, 4.0167



9.0401, 15.6464, 14.3575



13.9040, 15.6464, 44.9893



22.7885, 15.6464, 20.0291

Rectangle

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



15.8827, 15.6464, 4.0167



10.7380, 15.6464, 6.1453



13.9040, 15.6464, 44.9893



19.9491, 15.6464, 36.4144

Sweetspot

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



15.8831, 15.6472, 4.0170



36.7052, 38.5013, 30.0112



12.3225, 7.2489, 6.7674



8.1153, 8.5035, 6.3748



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.8831, 15.6472, 4.0170



26.2545, 24.8324, 4.2308



17.3703, 22.4059, 5.2432



5.2943, 5.5715, 5.3488



13.1694, 12.0733, 1.6363



0.1009, 0.1071, 0.0154

Inverse Universe

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



7.6400, 6.7533, 24.9455



10.9230, 8.3765, 43.4243



6.8381, 4.0243, 24.4610



4.9007, 5.1444, 6.3405



5.0976, 3.4655, 22.4459



0.0462, 0.0477, 0.1532

Previews

White Background



This preview shows how the XYZ color 15.8827, 15.6464, 4.0167 looks on a white 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

Black Background



This preview shows how the XYZ color 15.8827, 15.6464, 4.0167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

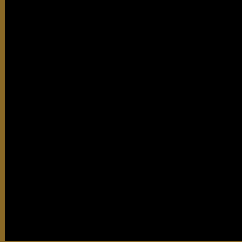
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8827, 15.6464, 4.0167

Background



This preview shows how black text looks on a background with the XYZ color 15.8827, 15.6464, 4.0167.



This preview shows how white text looks on a background with the XYZ color 15.8827, 15.6464,

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

15.8827, 15.6464, 4.0167

Protanopia

14.2358, 15.7330, 4.2940

Deuteranopia

15.8827, 15.6464, 4.0167



Tritanopia

18.2969, 15.6156, 15.6854

Trichromacy



Original Color

15.8827, 15.6464, 4.0167

Protanomaly

14.7369, 15.6730, 4.1679

Deuteranomaly

15.8827, 15.6464, 4.0167

Tritanomaly

17.1234, 15.5642, 9.8863

Monochromacy



Original Color

15.8827, 15.6464, 4.0167

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1482, 14.7688, 10.0876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8827, 15.6464, 4.0167 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(138, 105, 38)` looks like.

```
.text, #text, p{  
    color:rgb(138, 105, 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(138, 105, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 105, 38) }
```

Border

The CSS property to change the border of an element to XYZ 15.8827, 15.6464, 4.0167 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(138, 105, 38) }
```


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

```
.border{ border-color:rgb(138, 105, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 105, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 105, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 105, 38);  
box-shadow:4px 4px 4px 4px rgb(138, 105,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8827, 15.6464, 4.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 105, 38) }
```

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

```
.background{ background-color: rgb(138,  
105, 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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