

Converting Colors

XYZ(8.0860, 14.4693, 4.3019)

Have a look what the booklet for
XYZ(8.0860, 14.4693, 4.3019)
contains.

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Color

**XYZ(8.0887, 14.4589,
4.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	257A27
RGB	37, 122, 39
RGB Percent	15%, 48%, 15%
CMY	0.8549, 0.5216, 0.8470
CMYK	0.70, 0.00, 0.68, 0.52
HSL	121°, 53%, 31%
HSV	121°, 70%, 48%
XYZ	8.0887, 14.4589, 4.2840
YIQ	87.1230, -24.0170, -43.8330

Conversions

Conversions Part 2

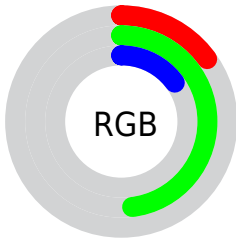
Format	Color
RYB	37, 120, 122
Decimal	2456103
CIELab	44.88, -42.50, 36.95
CIELCh	45, 56.317, 138.998
Yxy	14.4589, 0.3015, 0.5389
Android (android.graphics.Color)	4280646183 (0xFF257A27)
YUV	87.1230, -23.7246, -43.9579
Hunter-Lab	38.0249, -28.5727, 19.9376

Details

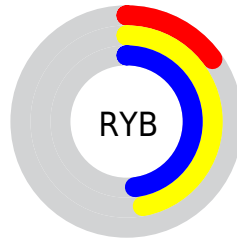
The XYZ color **8.0887, 14.4589, 4.2840** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **12.0781, 6.8170, 18.4484**, and the grayscale version is **9.1392, 9.6151, 10.4709**.

A 20% lighter version of the original color is **21.7075, 33.7442, 14.6017**, and **2.3174, 4.6347, 0.7725** is the 20% darker color. If you saturate the color by 10%, you get **7.5547, 14.2034, 3.3857**, and if you desaturate by 10%, it is **8.8318, 14.8159, 5.5165**.

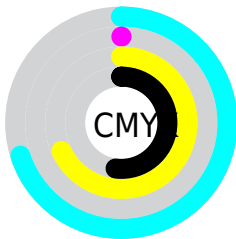
Distribution



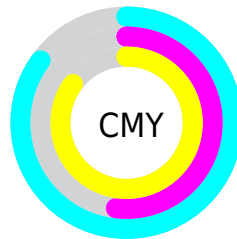
- Red (15%)
- Green (48%)
- Blue (15%)



- Red (15%)
- Yellow (47%)
- Blue (48%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (52%)



- Cyan (85%)
- Magenta (52%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.0887, 14.4589, 4.2840 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 8.0887, 14.4589, 4.2840 by changing the saturation by 10% instead.

■ 8.0887, 14.4589,
4.2840

■ 8.0887, 14.4589,
4.2840

170.7813,
220.0673, 151.3316

■ 4.2040, 8.4405,
1.7824

■ 21.8159, 33.9011,
14.6596

■ 1.8182, 4.3781,
0.4163

■ 32.3892, 48.0937,
23.3707

■ 0.5286, 1.8872,
0.0000

■ 45.9227, 65.7798,
34.9888

■ 0.0000, 0.5407,
0.0000

■ 62.7818, 87.3439,
49.9322

■ 0.0000, 0.0000,
0.0000

■ 83.3318, 113.1703,
68.6197

■ 107.9382,

143.6434, 91.4698

136.9662,
179.1476, 118.9009

■ 8.0887, 14.4589,
4.2840

■ 8.0887, 14.4589,
4.2840

■ 7.5547, 14.2034,
3.3857

■ 8.8318, 14.8159,
5.5165

■ 7.2075, 14.0372,
2.7882

■ 9.8015, 15.2815,
7.1106

■ 6.9827, 13.9294,
2.4144

■ 11.0144, 15.8642,
9.0918

■ 6.9756, 13.9260,
2.4029

■ 12.4855, 16.5712,
11.4834

■ 14.2284, 17.4090,
14.3064

■ 16.2560, 18.3839,
17.5808

■ 18.5801, 19.5015,
21.3250

■ 21.2120, 20.7674,
25.5565

■ 24.1623, 22.1866,
30.2920

Harmonies

Analogous

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



11.0591, 14.4589, 1.8833



8.0887, 14.4589, 4.2840



6.7589, 14.4589, 11.3858

Triad

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



8.0887, 14.4589, 4.2840



12.1225, 14.4589, 56.0142



23.9205, 14.4589, 8.8515

Complementary

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



8.0887, 14.4589, 4.2840



12.0781, 6.8170, 18.4484

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.



24.3855, 14.4589, 21.0910



8.0887, 14.4589, 4.2840



16.8288, 14.4589, 53.9099

Square

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



8.0887, 14.4589, 4.2840



8.7170, 14.4589, 43.6531



21.5595, 14.4589, 38.9055



20.4031, 14.4589, 3.3182

Rectangle

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



8.0887, 14.4589, 4.2840



6.7255, 14.4589, 20.0480



21.5595, 14.4589, 38.9055



24.4644, 14.4589, 12.1036

Sweetspot

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



8.0890, 14.4595, 4.2843



24.4320, 30.3384, 24.1992



15.1210, 18.0883, 4.4447



5.4294, 6.8614, 5.2791



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



8.0890, 14.4595, 4.2843



12.8669, 24.7842, 5.2311



9.2049, 14.9059, 10.1604



3.9544, 4.4514, 4.2935



7.3434, 14.6610, 2.5274



34.9845, 69.9168, 11.8222

Inverse Universe

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



12.0781, 6.8170, 18.4484



20.3882, 10.3528, 31.9212



10.0661, 6.0122, 7.8535



4.1506, 4.0760, 4.9907



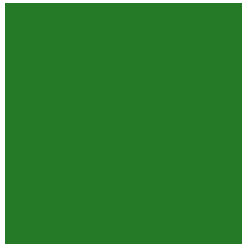
11.9634, 5.7615, 18.8958



57.0197, 27.4642, 89.8889

Previews

White Background



This preview shows how the XYZ color 8.0887, 14.4589, 4.2840 looks on a white background.

Color Contrast Check

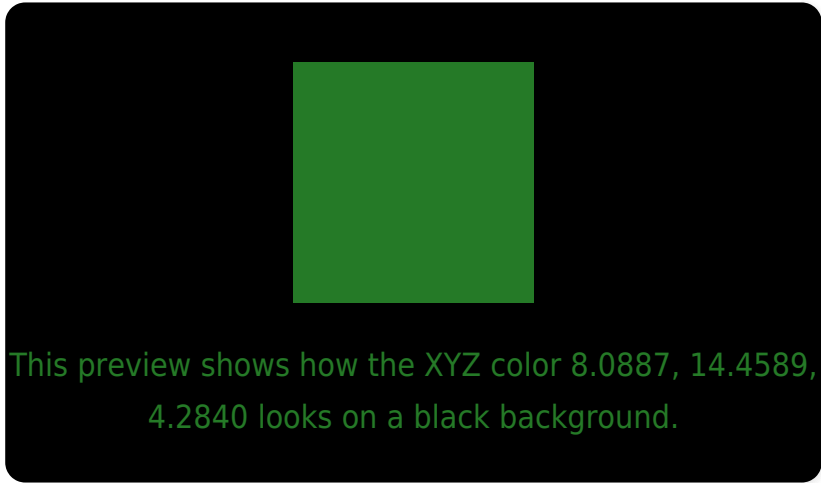
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 8.0887, 14.4589, 4.2840

Background



This preview shows how black text looks on a background with the XYZ color 8.0887, 14.4589, 4.2840.



This preview shows how white text looks on a background with the XYZ color 8.0887, 14.4589,

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

8.0887, 14.4589, 4.2840

Protanopia

12.9286, 14.2810, 3.6652

Deuteranopia

14.4104, 14.1369, 4.5540



Tritanopia

11.4559, 14.4253, 20.9195

Trichromacy



Original Color

8.0887, 14.4589, 4.2840

Protanomaly

10.2324, 13.8396, 3.8011

Deuteranomaly

10.7284, 13.4409, 4.3144

Tritanomaly

9.7092, 14.2254, 12.3593

Monochromacy



Original Color

8.0887, 14.4589, 4.2840

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.1169, 10.8217, 7.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.0887, 14.4589, 4.2840 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(37, 122, 39)` looks like.

```
.text, #text, p{  
    color:rgb(37, 122, 39)  
}
```

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(37, 122, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 122, 39) }
```

Border

The CSS property to change the border of an element to XYZ 8.0887, 14.4589, 4.2840 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(37, 122, 39) }
```


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

```
.border{ border-color:rgb(37, 122, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 122, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 122, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 122, 39);  
box-shadow:4px 4px 4px 4px rgb(37, 122,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 8.0887, 14.4589, 4.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 122, 39) }
```

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

```
.background{ background-color: rgb(37, 122,  
39) }
```

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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