

Converting Colors

XYZ(8.1171, 14.9288, 3.5920)

Have a look what the booklet for
XYZ(8.1171, 14.9288, 3.5920)
contains.

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Color

**XYZ(8.0891, 14.8441,
3.6013)**

Conversions

Conversions Part 1

Format	Color
Hex	227C1D
RGB	34, 124, 29
RGB Percent	13%, 49%, 11%
CMY	0.8667, 0.5137, 0.8863
CMYK	0.73, 0.00, 0.77, 0.51
HSL	117°, 62%, 30%
HSV	117°, 77%, 49%
XYZ	8.0891, 14.8441, 3.6013
YIQ	86.2600, -23.1450, -48.6250

Conversions

Conversions Part 2

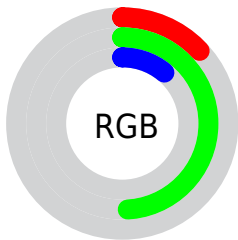
Format	Color
RYB	29, 124, 119
Decimal	2259997
CIELab	45.42, -44.81, 41.70
CIELCh	45, 61.208, 137.059
Yxy	14.8441, 0.3049, 0.5594
Android (android.graphics.Color)	4280450077 (0xFF227C1D)
YUV	86.2600, -28.2292, -45.8320
Hunter-Lab	38.5280, -29.9474, 21.4277

Details

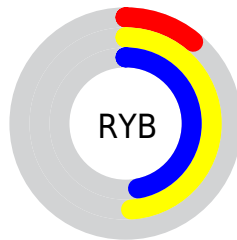
The XYZ color **8.0891, 14.8441, 3.6013** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **11.6865, 6.2567, 19.6613**, and the grayscale version is **8.9628, 9.4296, 10.2688**.

A 20% lighter version of the original color is **21.8826, 34.7471, 13.1430**, and **2.4488, 4.8976, 0.8163** is the 20% darker color. If you saturate the color by 10%, you get **7.6425, 14.6286, 2.9350**, and if you desaturate by 10%, it is **8.7307, 15.1539, 4.5999**.

Distribution



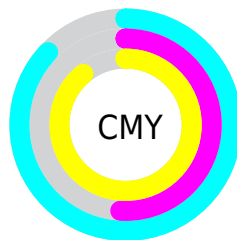
- Red (13%)
- Green (49%)
- Blue (11%)



- Red (11%)
- Yellow (49%)
- Blue (47%)



- Cyan (73%)
- Magenta (0%)
- Yellow (77%)
- Black (51%)





- Cyan (87%)
- Magenta (51%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.0891, 14.8441, 3.6013 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 8.0891, 14.8441, 3.6013 by changing the saturation by 10% instead.


 8.0891, 14.8441,
3.6013


 8.0891, 14.8441,
3.6013


170.7843,
222.4207, 143.6850


 4.2043, 8.7100,
1.4093


 21.8167, 34.5795,
13.0793


 1.8184, 4.5525,
0.1489

 32.3902, 48.9495,
21.2023


 0.5287, 1.9872,
0.0000

 45.9239, 66.8338,
32.1394

 0.0000, 0.6000,
0.0000


 62.7833, 88.6165,
46.3091


 0.0000, 0.0000,
0.0000


 83.3337, 114.6822,
64.1300


 107.9404,


145.4152, 86.0206


 136.9688,
181.1999, 112.3994


 8.0891, 14.8441,
3.6013


 8.0891, 14.8441,
3.6013


 7.6425, 14.6286,
2.9350


 8.7307, 15.1539,
4.5999


 7.3625, 14.4929,
2.5301

 9.5850, 15.5649,
5.9652

 7.2896, 14.4580,
2.4065

 10.6690, 16.0858,
7.7286

 11.9976, 16.7237,
9.9177

 13.5845, 17.4850,
12.5577

■ 15.4424, 18.3758,
15.6720

■ 17.5831, 19.4016,
19.2820

■ 20.0177, 20.5679,
23.4083

■ 22.7568, 21.8796,
28.0698

Harmonies

Analogous

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



11.4284, 14.8441, 1.4478



8.0891, 14.8441, 3.6013



6.5591, 14.8441, 10.6639

Triad

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



8.0891, 14.8441, 3.6013



12.0289, 14.8441, 61.7528



25.6843, 14.8441, 9.2562

Complementary

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



8.0891, 14.8441, 3.6013



11.6865, 6.2567, 19.6613

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.



25.9567, 14.8441, 23.2862



8.0891, 14.8441, 3.6013



17.1788, 14.8441, 60.4874

Square

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



8.0891, 14.8441, 3.6013



8.4372, 14.8441, 46.5852



22.5536, 14.8441, 43.7596



21.8805, 14.8441, 3.1028

Rectangle

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



8.0891, 14.8441, 3.6013



6.4551, 14.8441, 19.8576



22.5536, 14.8441, 43.7596



26.2193, 14.8441, 12.9572

Sweetspot

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



8.0895, 14.8447, 3.6016



24.8546, 31.2238, 23.6864



14.9739, 17.2531, 3.7036



5.6309, 7.2468, 5.2060



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



8.0895, 14.8447, 3.6016



13.0568, 25.5516, 4.6196



8.8256, 15.1215, 8.2761



3.9686, 4.4591, 4.2760



7.4095, 14.6970, 2.4463



35.1219, 69.9914, 11.6586

Inverse Universe

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



11.6865, 6.2567, 19.6613



19.6582, 9.6055, 34.3746



10.3070, 5.7862, 8.7242



4.1347, 4.0673, 5.0103



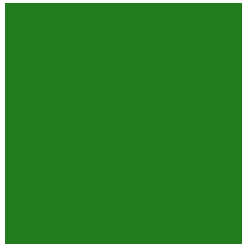
11.2214, 5.3576, 19.8280



53.2981, 25.4382, 94.5707

Previews

White Background



This preview shows how the XYZ color 8.0891, 14.8441, 3.6013 looks on a white background.

Color Contrast Check

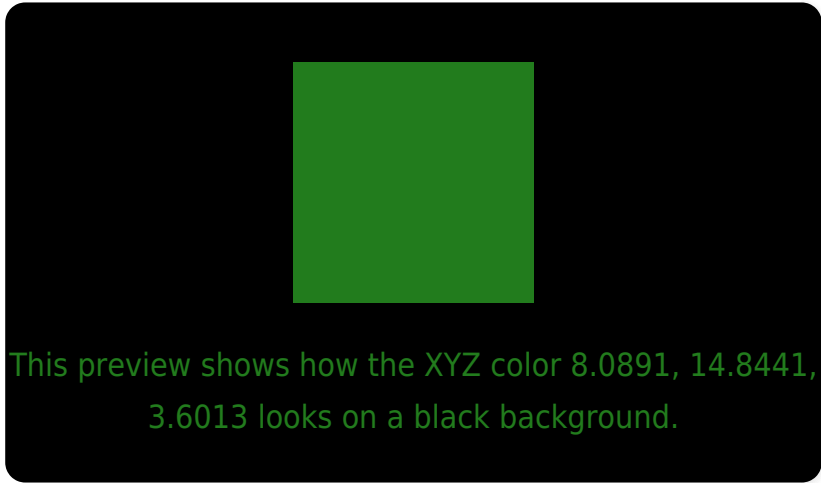
Large Text (above 18pt) WCAG AA ✓ Pass

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

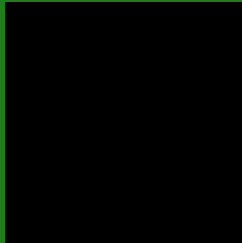
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 8.0891, 14.8441, 3.6013

Background



This preview shows how black text looks on a background with the XYZ color 8.0891, 14.8441, 3.6013.



This preview shows how white text looks on a background with the XYZ color 8.0891, 14.8441,

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

8.0891, 14.8441, 3.6013

Protanopia

13.1789, 14.5786, 3.0391

Deuteranopia

14.7904, 14.6358, 3.9649



Tritanopia

11.8105, 14.9321, 21.6617

Trichromacy



Original Color

8.0891, 14.8441, 3.6013

Protanomaly

10.2114, 14.0087, 3.1430

Deuteranomaly

10.8091, 13.8146, 3.6869

Tritanomaly

9.8075, 14.6356, 11.9809

Monochromacy



Original Color

8.0891, 14.8441, 3.6013

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

7.8260, 10.6893, 6.6518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.0891, 14.8441, 3.6013 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(34, 124, 29)` looks like.

```
.text, #text, p{  
    color:rgb(34, 124, 29)  
}
```

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(34, 124, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 124, 29) }
```

Border

The CSS property to change the border of an element to XYZ 8.0891, 14.8441, 3.6013 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(34, 124, 29) }
```


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

```
.border{ border-color:rgb(34, 124, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 124, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 124, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 124, 29);  
box-shadow:4px 4px 4px 4px rgb(34, 124,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 8.0891, 14.8441, 3.6013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 124, 29) }
```

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

```
.background{ background-color: rgb(34, 124,  
29) }
```

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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