

Converting Colors

XYZ(7.9142, 13.5997, 6.1280)

Have a look what the booklet for
XYZ(7.9142, 13.5997, 6.1280)
contains.

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Color

**XYZ(7.9101, 13.6096,
6.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	237639
RGB	35, 118, 57
RGB Percent	14%, 46%, 22%
CMY	0.8627, 0.5372, 0.7765
CMYK	0.70, 0.00, 0.52, 0.54
HSL	136°, 54%, 30%
HSV	136°, 70%, 46%
XYZ	7.9101, 13.6096, 6.0809
YIQ	86.2290, -29.8870, -36.5670

Conversions

Conversions Part 2

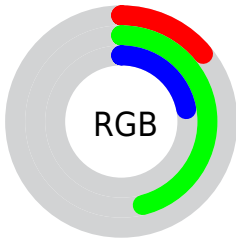
Format	Color
RYB	35, 101, 118
Decimal	2324025
CIELab	43.67, -38.89, 26.43
CIELCh	44, 47.020, 145.802
Yxy	13.6096, 0.2866, 0.4931
Android (android.graphics.Color)	4280514105 (0xFF237639)
YUV	86.2290, -14.4099, -44.9278
Hunter-Lab	36.8912, -26.2861, 16.0509

Details

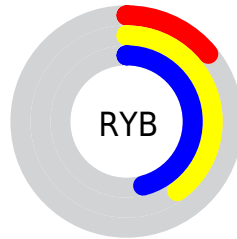
The XYZ color **7.9101, 13.6096, 6.0809** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **10.1840, 5.8984, 11.6686**, and the grayscale version is **8.9287, 9.3936, 10.2297**.

A 20% lighter version of the original color is **21.4271, 32.3699, 18.4833**, and **2.1275, 4.1584, 1.0071** is the 20% darker color. If you saturate the color by 10%, you get **7.3770, 13.3581, 5.0216**, and if you desaturate by 10%, it is **8.6156, 13.9465, 7.3419**.

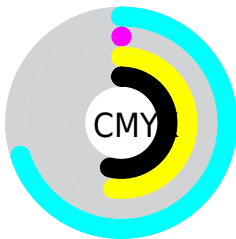
Distribution



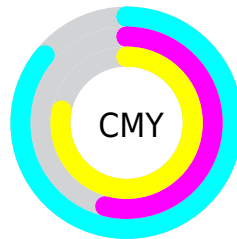
- Red (14%)
- Green (46%)
- Blue (22%)



- Red (14%)
- Yellow (40%)
- Blue (46%)



- Cyan (70%)
- Magenta (0%)
- Yellow (52%)
- Black (54%)





- Cyan (86%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.9101, 13.6096, 6.0809 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 7.9101, 13.6096, 6.0809 by changing the saturation by 10% instead.


 7.9101, 13.6096,
6.0809


 7.9101, 13.6096,
6.0809


169.4104,
214.7884, 169.1221


 4.0888, 7.8496,
2.8248


 21.4691, 32.3947,
18.5791


 1.7525, 3.9989,
1.0059

 31.9376, 46.1886,
28.6583


 0.4888, 1.6729,
0.0000

 45.3524, 63.4293,
41.8489

 0.0000, 0.4060,
0.0000

 62.0790, 84.5012,
58.5695

 0.0000, 0.0000,
0.0000

 82.4828, 109.7887,
79.2385

 106.9290,

139.6761, 104.2746

135.7831,
174.5479, 134.0963

■ 7.9101, 13.6096,
6.0809

■ 7.9101, 13.6096,
6.0809

■ 7.3770, 13.3581,
5.0216

■ 8.6156, 13.9465,
7.3419

■ 6.9993, 13.1822,
4.1525

■ 9.5066, 14.3742,
8.8134

■ 6.7297, 13.0578,
3.4813

■ 10.5957, 14.8993,
10.5049

■ 11.8943, 15.5276,
12.4249

■ 13.4130, 16.2644,
14.5815

■ 15.1614, 17.1144,
16.9826

■ 17.1488, 18.0823,
19.6353

■ 19.3839, 19.1724,
22.5469

■ 21.8748, 20.3887,
25.7240

Harmonies

Analogous

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



10.0867, 13.6096, 3.0205



7.9101, 13.6096, 6.0809



7.0716, 13.6096, 13.3804

Triad

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



7.9101, 13.6096, 6.0809



12.4231, 13.6096, 45.7230



20.4319, 13.6096, 7.6173

Complementary

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



7.9101, 13.6096, 6.0809



10.1840, 5.8984, 11.6686

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.



21.3797, 13.6096, 16.3562



7.9101, 13.6096, 6.0809



16.2758, 13.6096, 41.6711

Square

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



7.9101, 13.6096, 6.0809



9.3436, 13.6096, 38.7776



19.7356, 13.6096, 29.4236



17.3469, 13.6096, 3.5655

Rectangle

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



7.9101, 13.6096, 6.0809



7.2394, 13.6096, 21.0688



19.7356, 13.6096, 29.4236



21.0333, 13.6096, 9.9456

Sweetspot

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



7.9104, 13.6102, 6.0812



23.2464, 28.4333, 25.1668



11.7388, 15.6340, 3.9892



5.2096, 6.4717, 5.5962



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



7.9104, 13.6102, 6.0812



12.5571, 23.2937, 7.9104



9.3413, 14.1825, 13.6161



3.6768, 4.1127, 4.1320



7.2755, 14.1242, 3.7411



35.1450, 68.7052, 16.6003

Inverse Universe

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



10.1840, 5.8984, 11.6686



16.7993, 8.7759, 18.2406



8.7803, 5.3370, 4.2770



3.7872, 3.7422, 4.4061



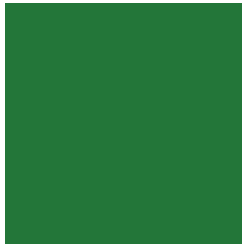
9.9264, 4.9043, 10.0866



48.0048, 23.7520, 47.2160

Previews

White Background



This preview shows how the XYZ color 7.9101, 13.6096, 6.0809 looks on a white background.

Color Contrast Check

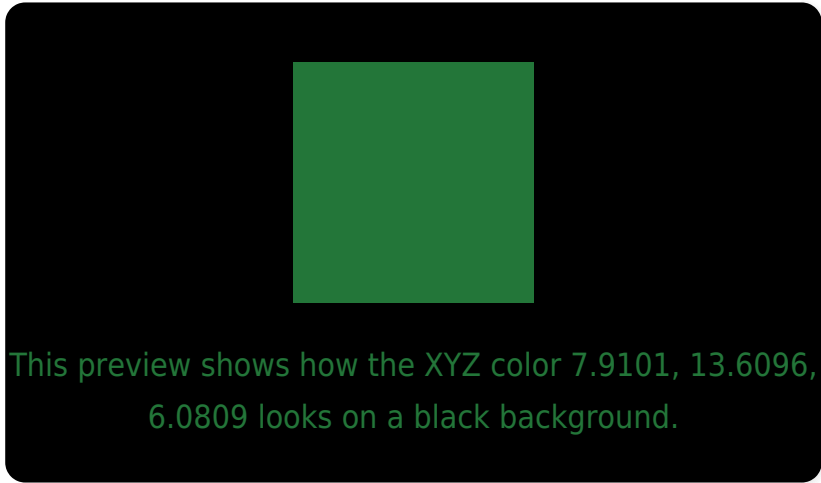
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.9101, 13.6096, 6.0809

Background



This preview shows how black text looks on a background with the XYZ color 7.9101, 13.6096, 6.0809.



This preview shows how white text looks on a background with the XYZ color 7.9101, 13.6096,

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

7.9101, 13.6096, 6.0809

Protanopia

12.2801, 13.4591, 5.1995

Deuteranopia

13.5494, 13.3683, 6.4236



Tritanopia

10.7055, 13.5657, 19.8235

Trichromacy



Original Color

7.9101, 13.6096, 6.0809

Protanomaly

9.7747, 12.9228, 5.4692

Deuteranomaly

10.2808, 12.7047, 6.1854

Tritanomaly

9.3939, 13.5261, 13.4249

Monochromacy



Original Color

7.9101, 13.6096, 6.0809

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

7.9524, 10.4367, 8.2519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.9101, 13.6096, 6.0809 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(35, 118, 57)` looks like.

```
.text, #text, p{  
    color:rgb(35, 118, 57)  
}
```

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(35, 118, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 118, 57) }
```

Border

The CSS property to change the border of an element to XYZ 7.9101, 13.6096, 6.0809 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(35, 118, 57) }
```


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

```
.border{ border-color:rgb(35, 118, 57) }
```

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

Here you see how a box with a 4 pixel rgb(35, 118, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 118, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 118, 57);  
box-shadow:4px 4px 4px 4px rgb(35, 118,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 7.9101, 13.6096, 6.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 118, 57) }
```

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

```
.background{ background-color: rgb(35, 118,  
57) }
```

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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