

Converting Colors

XYZ(6.5192, 11.1301, 4.1240)

Have a look what the booklet for
XYZ(6.5192, 11.1301, 4.1240)
contains.

XYZ(6.4931, 11.1019, 4.0862)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(6.4931, 11.1019,
4.0862)**

Conversions

Conversions Part 1

Format	Color
Hex	266B2B
RGB	38, 107, 43
RGB Percent	15%, 42%, 17%
CMY	0.8510, 0.5804, 0.8314
CMYK	0.64, 0.00, 0.60, 0.58
HSL	124°, 48%, 28%
HSV	124°, 64%, 42%
XYZ	6.4931, 11.1019, 4.0862
YIQ	79.0730, -20.5800, -34.5320

Conversions

Conversions Part 2

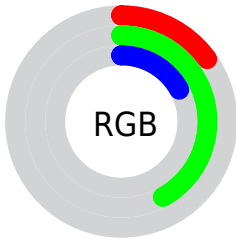
Format	Color
R_{YB}	38, 102, 107
Decimal	2517803
CIE _{Lab}	39.75, -35.91, 29.16
CIE _{LCh}	40, 46.262, 140.920
Yxy	11.1019, 0.2995, 0.5121
Android (android.graphics.Color)	4280707883 (0xFF266B2B)
YUV	79.0730, -17.7840, -36.0210
Hunter-Lab	33.3195, -23.5242, 16.0525




Details

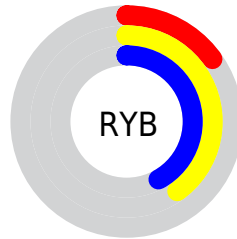
The XYZ color **6.4931, 11.1019, 4.0862** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **9.1551, 5.4715, 13.1442**, and the grayscale version is **7.4820, 7.8717, 8.5722**.




A 20% lighter version of the original color is **18.6008, 27.7758, 14.2784**, and **1.5131, 3.0261, 0.5044** is the 20% darker color. If you saturate the color by 10%, you get **5.9935, 10.8632, 3.2255**, and if you desaturate by 10%, it is **7.1511, 11.4178, 5.1863**.

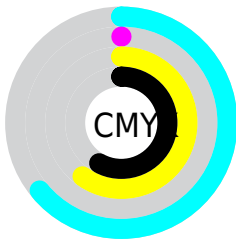
Distribution







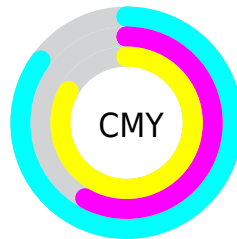
-  Red (15%)
-  Green (42%)
-  Blue (17%)






-  Red (15%)
-  Yellow (40%)
-  Blue (42%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (60%)
-  Black (58%)





-  Cyan (85%)
-  Magenta (58%)
-  Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 6.4931, 11.1019, 4.0862 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 6.4931, 11.1019, 4.0862 by changing the saturation by 10% instead.


 6.4931, 11.1019,
4.0862


 6.4931, 11.1019,
4.0862


158.0212,
198.3653, 149.1787


 3.1907, 6.1354,
1.6728

 18.6609, 27.8484,
14.2081


 1.2554, 2.9276,
0.3420


 28.2570, 40.3973,
22.7536

 0.1494, 1.0940,
0.0000

 40.6816, 56.2424,
34.1802

 0.0000, 0.0000,
0.0000

 56.3002, 75.7681,
48.9065

 75.4781, 99.3589,
67.3509

 98.5807, 127.3991,

89.9321

125.9733,
160.2731, 117.0685

■ 6.4931, 11.1019,
4.0862

■ 6.4931, 11.1019,
4.0862

■ 5.9935, 10.8632,
3.2255

■ 7.1511, 11.4178,
5.1863

■ 5.6382, 10.6938,
2.5856

■ 7.9785, 11.8152,
6.5410

■ 5.4059, 10.5836,
2.1464

■ 8.9862, 12.2998,
8.1650

■ 5.3004, 10.5328,
1.9764

■ 10.1841, 12.8763,
10.0718

■ 11.5812, 13.5493,
12.2740

■ 13.1860, 14.3227,
14.7835

■ 15.0066, 15.2005,
17.6113

■ 17.0504, 16.1864,
20.7680

■ 19.3249, 17.2839,
24.2639

Harmonies

Analogous

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



8.5222, 11.1019, 2.0161



6.4931, 11.1019, 4.0862



5.6058, 11.1019, 9.5378

Triad

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



6.4931, 11.1019, 4.0862



9.6193, 11.1019, 38.8103



17.3293, 11.1019, 6.8657

Complementary

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



6.4931, 11.1019, 4.0862



9.1551, 5.4715, 13.1442

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.



17.7862, 11.1019, 15.0567



6.4931, 11.1019, 4.0862



12.8810, 11.1019, 36.8174

Square

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



6.4931, 11.1019, 4.0862



7.1577, 11.1019, 31.3282



16.0248, 11.1019, 26.7660



14.8788, 11.1019, 2.9711

Rectangle

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



6.4931, 11.1019, 4.0862



5.6281, 11.1019, 15.7051



16.0248, 11.1019, 26.7660



17.7381, 11.1019, 9.0740

Sweetspot

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



6.4934, 11.1024, 4.0864



19.4278, 23.6303, 19.9184



11.1330, 13.5041, 3.8536



4.5710, 5.6563, 4.6139



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



6.4934, 11.1024, 4.0864



10.4028, 19.2943, 5.1910



7.4004, 11.4652, 8.8630



3.0721, 3.4480, 3.3634



6.4429, 12.8112, 2.3774



32.6990, 65.2267, 11.4279

Inverse Universe

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



9.1551, 5.4715, 13.1442



15.5747, 8.3217, 22.7671



7.7972, 4.9284, 5.9934



3.2086, 3.1603, 3.8286



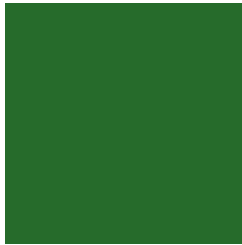
10.1259, 4.9025, 14.8236



51.4594, 24.9257, 74.8129

Previews

White Background



This preview shows how the XYZ color 6.4931, 11.1019, 4.0862 looks on a white background.

Color Contrast Check

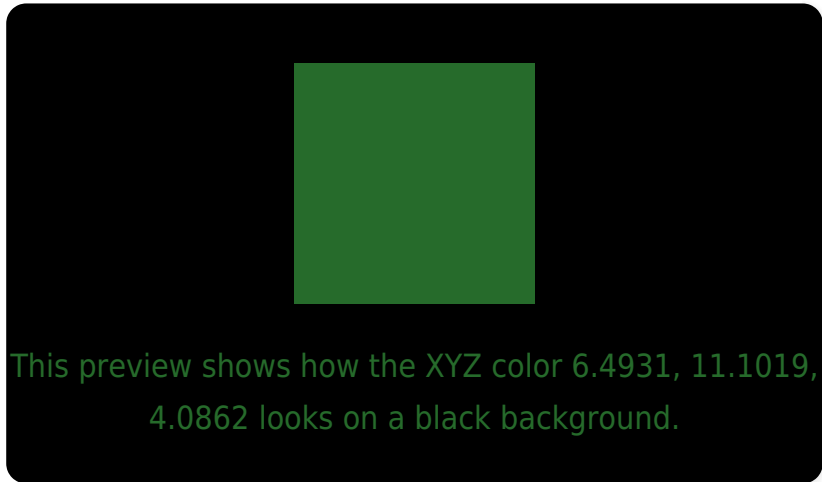
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.4931, 11.1019, 4.0862

Background



This preview shows how black text looks on a background with the XYZ color 6.4931, 11.1019, 4.0862.



This preview shows how white text looks on a background with the XYZ color 6.4931, 11.1019,

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

6.4931, 11.1019, 4.0862

Protanopia

9.9895, 10.9182, 3.5004

Deuteranopia

11.0453, 10.9356, 4.3249



Tritanopia

8.8395, 11.0093, 15.8465

Trichromacy



Original Color

6.4931, 11.1019, 4.0862

Protanomaly

8.0590, 10.5940, 3.6276

Deuteranomaly

8.5138, 10.5414, 4.1707

Tritanomaly

7.7171, 10.9936, 10.1027

Monochromacy



Original Color

6.4931, 11.1019, 4.0862

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

6.6701, 8.6281, 6.4681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.4931, 11.1019, 4.0862 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(38, 107, 43)` looks like.

```
.text, #text, p{  
    color:rgb(38, 107, 43)  
}
```

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(38, 107, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 107, 43) }
```

Border

The CSS property to change the border of an element to XYZ 6.4931, 11.1019, 4.0862 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(38, 107, 43) }
```


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

```
.border{ border-color:rgb(38, 107, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 107, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 107, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 107, 43);  
box-shadow:4px 4px 4px 4px rgb(38, 107,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 6.4931, 11.1019, 4.0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 107, 43) }
```

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

```
.background{ background-color: rgb(38, 107,  
43) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor