

Converting Colors

XYZ(6.1685, 11.8141, 1.9552)

Have a look what the booklet for
XYZ(6.1685, 11.8141, 1.9552)
contains.

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Color

**XYZ(6.1475, 11.7705,
1.9479)**

Conversions

Conversions Part 1

Format	Color
Hex	177000
RGB	23, 112, 0
RGB Percent	9%, 44%, 0%
CMY	0.9098, 0.5608, 1.0000
CMYK	0.79, 0.00, 1.00, 0.56
HSL	108°, 100%, 22%
HSV	108°, 100%, 44%
XYZ	6.1475, 11.7705, 1.9479
YIQ	72.6210, -17.0920, -53.7000

Conversions

Conversions Part 2

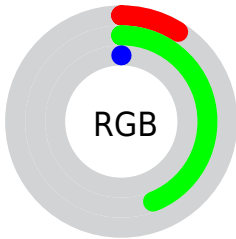
Format	Color
RYB	0, 112, 89
Decimal	1536000
CIELab	40.85, -44.33, 45.71
CIELCh	41, 63.677, 134.126
Yxy	11.7705, 0.3094, 0.5925
Android (android.graphics.Color)	4279726080 (0xFF177000)
YUV	72.6210, -35.8022, -43.5176
Hunter-Lab	34.3082, -28.0548, 20.6494

Details

The XYZ color **6.1475, 11.7705, 1.9479** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7.0455, 3.2943, 15.5944**, and the grayscale version is **6.3296, 6.6592, 7.2519**.

A 20% lighter version of the original color is **18.0171, 29.1678, 8.9553**, and **1.7775, 3.5550, 0.5925** is the 20% darker color. If you saturate the color by 10%, you get **6.1476, 11.7709, 1.9480**, and if you desaturate by 10%, it is **6.4486, 11.9189, 2.2836**.

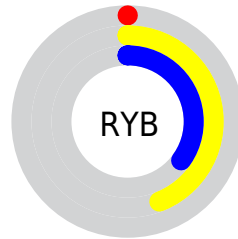
Distribution



Red (9%)

Green (44%)

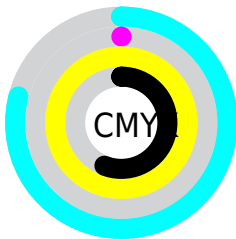
Blue (0%)



Red (0%)

Yellow (44%)

Blue (35%)

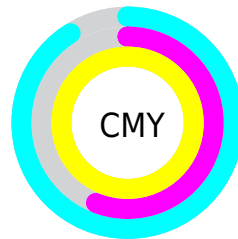


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (91%)


Magenta (56%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 6.1475, 11.7705, 1.9479 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 6.1475, 11.7705, 1.9479 by changing the saturation by 10% instead.


 6.1475, 11.7705,
1.9479


 6.1475, 11.7705,
1.9479


 155.0842,
202.8800, 121.5625


 2.9765, 6.5876,
0.5230


 17.9585, 29.0764,
8.8979


 1.1413, 3.2056,
0.0000

 27.3293, 41.9682,
15.3239


 0.0593, 1.2400,
0.0000

 39.4973, 58.1985,
24.2753

 0.0000, 0.0940,
0.0000

 54.8280, 78.1516,
36.1707


 0.0000, 0.0000,
0.0000


 73.6866, 102.2118,
51.4285


 96.4386, 130.7637,


70.4674


 123.4494,
164.1917, 93.7059


 6.1475, 11.7705,
1.9479


 6.1475, 11.7705,
1.9479


 6.1476, 11.7709,
1.9480

 6.4486, 11.9189,
2.2836

 6.8497, 12.1157,
2.7573

 7.3782, 12.3726,
3.4830

 8.0445, 12.6945,
4.4894

 8.8577, 13.0856,
5.8011

■ 9.8264, 13.5496,
7.4402

■ 10.9582, 14.0903,
9.4266

■ 12.2603, 14.7109,
11.7787

■ 13.7396, 15.4145,
14.5136

Harmonies

Analogous

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



9.1910, 11.7705, 0.6067



6.1475, 11.7705, 1.9479



4.7206, 11.7705, 7.1261

Triad

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



6.1475, 11.7705, 1.9479



8.9675, 11.7705, 54.9826



21.9560, 11.7705, 7.6354

Complementary

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



6.1475, 11.7705, 1.9479



7.0455, 3.2943, 15.5944

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.



21.8483, 11.7705, 20.9341



6.1475, 11.7705, 1.9479



13.4540, 11.7705, 55.5049

Square

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



6.1475, 11.7705, 1.9479



6.0222, 11.7705, 39.2594



18.4249, 11.7705, 40.4066



18.6884, 11.7705, 2.1054

Rectangle

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



6.1475, 11.7705, 1.9479



4.5483, 11.7705, 14.6987



18.4249, 11.7705, 40.4066



22.3362, 11.7705, 11.1015

Sweetspot

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



6.1478, 11.7710, 1.9482



19.0821, 24.6721, 16.2606



10.1505, 10.3811, 1.4689



4.4225, 5.8501, 3.6202



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



6.1478, 11.7710, 1.9482



10.7098, 20.6316, 3.4178



6.0516, 11.6917, 3.2857



3.4032, 3.7932, 3.6261



7.0897, 13.5986, 2.2511



34.7222, 67.4340, 11.1860

Inverse Universe

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



7.0455, 3.2943, 15.5944



12.2752, 5.7346, 27.3897



8.1404, 4.0282, 7.9903



3.4506, 3.4206, 4.2326



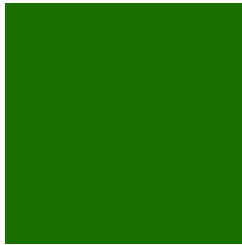
8.1258, 3.7984, 18.0265



39.7555, 18.5491, 89.7641

Previews

White Background



This preview shows how the XYZ color 6.1475, 11.7705, 1.9479 looks on a white background.

Color Contrast Check

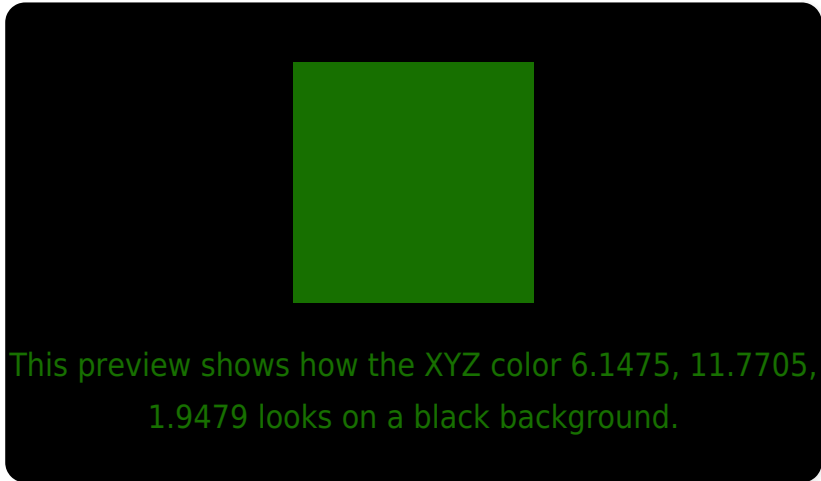
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.1475, 11.7705, 1.9479

Background



This preview shows how black text looks on a background with the XYZ color 6.1475, 11.7705, 1.9479.



This preview shows how white text looks on a background with the XYZ color 6.1475, 11.7705,

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

6.1475, 11.7705, 1.9479

Protanopia

10.3672, 11.5539, 1.6837

Deuteranopia

11.7911, 11.6131, 2.4842



Tritanopia

9.2962, 11.7967, 17.4098

Trichromacy



Original Color

6.1475, 11.7705, 1.9479

Protanomaly

7.8119, 11.0805, 1.7270

Deuteranomaly

8.2944, 10.8895, 2.1167

Tritanomaly

7.3418, 11.4547, 7.9549

Monochromacy



Original Color

6.1475, 11.7705, 1.9479

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

5.4769, 7.8259, 3.8067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.1475, 11.7705, 1.9479 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(23, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 112, 0)  
}
```

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(23, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 6.1475, 11.7705, 1.9479 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(23, 112, 0) }
```


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

```
.border{ border-color:rgb(23, 112, 0) }
```

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

Here you see how a box with a 4 pixel rgb(23, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(23, 112, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.1475, 11.7705, 1.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 112, 0) }
```

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

```
.background{ background-color: rgb(23, 112,  
0) }
```

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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