

Converting Colors

XYZ(6.1343, 11.7640, 1.9475)

Have a look what the booklet for
XYZ(6.1343, 11.7640, 1.9475)
contains.

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Color

**XYZ(6.1250, 11.7589,
1.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	167000
RGB	22, 112, 0
RGB Percent	9%, 44%, 0%
CMY	0.9137, 0.5608, 1.0000
CMYK	0.80, 0.00, 1.00, 0.56
HSL	108°, 100%, 22%
HSV	108°, 100%, 44%
XYZ	6.1250, 11.7589, 1.9469
YIQ	72.3220, -17.6880, -53.9120

Conversions

Conversions Part 2

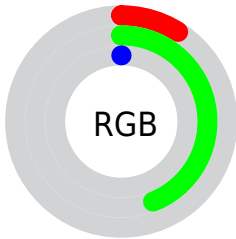
Format	Color
RYB	0, 112, 90
Decimal	1470464
CIELab	40.83, -44.50, 45.68
CIELCh	41, 63.775, 134.247
Yxy	11.7589, 0.3089, 0.5930
Android (android.graphics.Color)	4279660544 (0xFF167000)
YUV	72.3220, -35.6547, -44.1324
Hunter-Lab	34.2913, -28.1266, 20.6377

Details

The XYZ color **6.1250, 11.7589, 1.9469** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7.1425, 3.3443, 15.5990**, and the grayscale version is **6.2773, 6.6042, 7.1920**.

A 20% lighter version of the original color is **17.9269, 29.1213, 8.9511**, and **1.7775, 3.5550, 0.5925** is the 20% darker color. If you saturate the color by 10%, you get **6.1251, 11.7593, 1.9469**, and if you desaturate by 10%, it is **6.4211, 11.9048, 2.2824**.

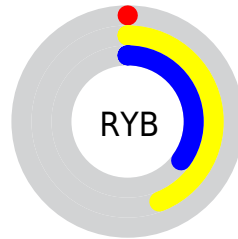
Distribution



Red (9%)

Green (44%)

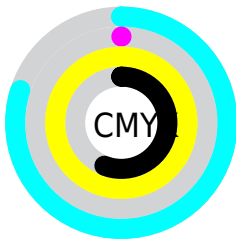
Blue (0%)



Red (0%)

Yellow (44%)

Blue (35%)

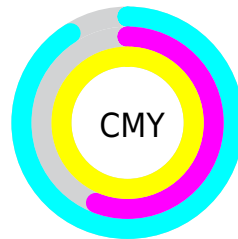


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (91%)


Magenta (56%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 6.1250, 11.7589, 1.9469 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 6.1250, 11.7589, 1.9469 by changing the saturation by 10% instead.


 6.1250, 11.7589,
1.9469


 6.1250, 11.7589,
1.9469


 154.8905,
202.8025, 121.5467


 2.9626, 6.5797,
0.5223


 17.9125, 29.0552,
8.8951


 1.1340, 3.2007,
0.0000

 27.2684, 41.9412,
15.3199


 0.0533, 1.2374,
0.0000

 39.4195, 58.1648,
24.2699

 0.0000, 0.0919,
0.0000


 54.7311, 78.1106,
36.1637


 0.0000, 0.0000,
0.0000


 73.5687, 102.1628,
51.4197


 96.2975, 130.7060,


70.4565


 123.2830,
164.1244, 93.6927


 6.1250, 11.7589,
1.9469


 6.1250, 11.7589,
1.9469


 6.1251, 11.7593,
1.9469

 6.4211, 11.9048,
2.2824

 6.8182, 12.0995,
2.7559

 7.3442, 12.3551,
3.4816

 8.0094, 12.6764,
4.4880

 8.8234, 13.0678,
5.7998

■ 9.7946, 13.5332,
7.4390

■ 10.9310, 14.0763,
9.4257

■ 12.2400, 14.7004,
11.7782

■ 13.7284, 15.4087,
14.5136

Harmonies

Analogous

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



9.1629, 11.7589, 0.6001



6.1250, 11.7589, 1.9469



4.7043, 11.7589, 7.1448

Triad

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



6.1250, 11.7589, 1.9469



8.9701, 11.7589, 55.0850



21.9521, 11.7589, 7.5837

Complementary

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



6.1250, 11.7589, 1.9469



7.1425, 3.3443, 15.5990

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.



21.8591, 11.7589, 20.8609



6.1250, 11.7589, 1.9469



13.4654, 11.7589, 55.5361

Square

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



6.1250, 11.7589, 1.9469



6.0170, 11.7589, 39.3690



18.4409, 11.7589, 40.3599



18.6684, 11.7589, 2.0823

Rectangle

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



6.1250, 11.7589, 1.9469



4.5357, 11.7589, 14.7455



18.4409, 11.7589, 40.3599



22.3378, 11.7589, 11.0398

Sweetspot

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



6.1253, 11.7594, 1.9472



19.0333, 24.6469, 16.2583



10.3052, 10.6905, 1.5205



4.4101, 5.8437, 3.6196



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.



6.1253, 11.7594, 1.9472



10.6727, 20.6125, 3.4161



6.0776, 11.7021, 3.4221



3.4006, 3.7919, 3.6260



7.0641, 13.5854, 2.2499



34.6137, 67.3780, 11.1809

Inverse Universe

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



7.1425, 3.3443, 15.5990



12.4486, 5.8240, 27.3978



8.0721, 4.0009, 7.6307



3.4534, 3.4220, 4.2327



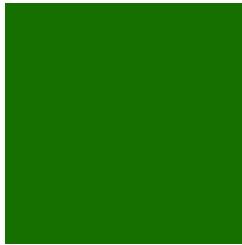
8.2384, 3.8565, 18.0318



40.3383, 18.8495, 89.7914

Previews

White Background



This preview shows how the XYZ color 6.1250, 11.7589, 1.9469 looks on a white background.

Color Contrast Check

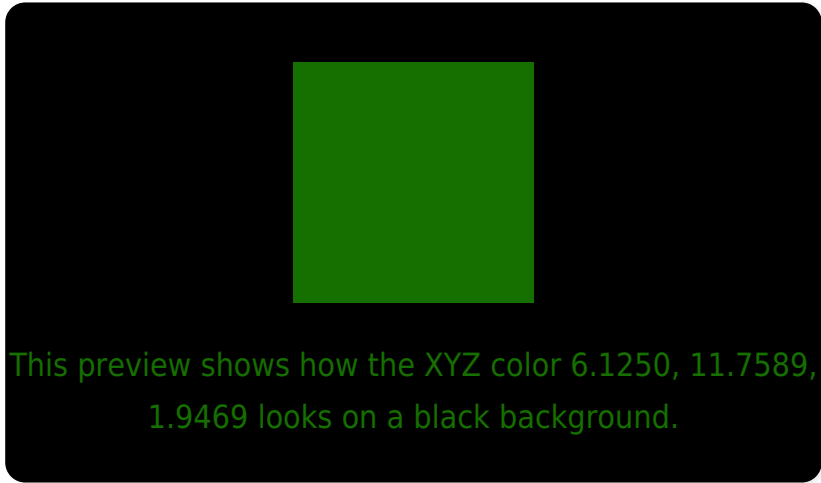
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.1250, 11.7589, 1.9469

Background



This preview shows how black text looks on a background with the XYZ color 6.1250, 11.7589, 1.9469.



This preview shows how white text looks on a background with the XYZ color 6.1250, 11.7589,

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

6.1250, 11.7589, 1.9469

Protanopia

10.3672, 11.5539, 1.6837

Deuteranopia

11.7911, 11.6131, 2.4842



Tritanopia

9.2962, 11.7967, 17.4098

Trichromacy



Original Color

6.1250, 11.7589, 1.9469

Protanomaly

7.8119, 11.0805, 1.7270

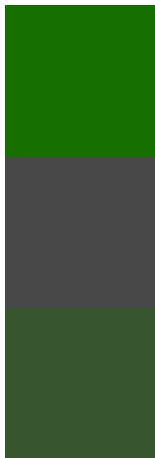
Deuteranomaly

8.2944, 10.8895, 2.1167

Tritanomaly

7.3025, 11.4344, 7.9531

Monochromacy



Original Color

6.1250, 11.7589, 1.9469

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

5.4227, 7.7979, 3.8041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.1250, 11.7589, 1.9469 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(22, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(22, 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(22, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 6.1250, 11.7589, 1.9469 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(22, 112, 0) }
```


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

```
.border{ border-color:rgb(22, 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(22, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(22, 112, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.1250, 11.7589, 1.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 112, 0) }
```

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

```
.background{ background-color: rgb(22, 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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