

Converting Colors

XYZ(6.2472, 11.7168, 1.2405)

Have a look what the booklet for
XYZ(6.2472, 11.7168, 1.2405)
contains.

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Color

**XYZ(6.3441, 11.7090,
1.9257)**

Conversions

Conversions Part 1

Format	Color
Hex	226F00
RGB	34, 111, 0
RGB Percent	13%, 44%, 0%
CMY	0.8667, 0.5647, 1.0000
CMYK	0.69, 0.00, 1.00, 0.56
HSL	102°, 100%, 22%
HSV	102°, 100%, 44%
XYZ	6.3441, 11.7090, 1.9257
YIQ	75.3230, -10.2610, -50.8450

Conversions

Conversions Part 2

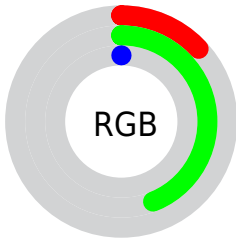
Format	Color
RYB	0, 111, 77
Decimal	2256640
CIELab	40.75, -41.79, 45.74
CIElCh	41, 61.953, 132.418
Yxy	11.7090, 0.3175, 0.5861
Android (android.graphics.Color)	4280446720 (0xFF226F00)
YUV	75.3230, -37.1342, -36.2403
Hunter-Lab	34.2184, -26.7883, 20.6162

Details

The XYZ color **6.3441, 11.7090, 1.9257** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5.9309, 2.7261, 15.2533**, and the grayscale version is **6.8131, 7.1679, 7.8058**.

A 20% lighter version of the original color is **18.4055, 29.1013, 8.9220**, and **1.7226, 3.4452, 0.5742** is the 20% darker color. If you saturate the color by 10%, you get **6.3442, 11.7094, 1.9258**, and if you desaturate by 10%, it is **6.6883, 11.8798, 2.2604**.

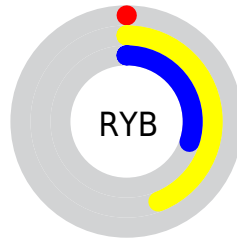
Distribution



Red (13%)

Green (44%)

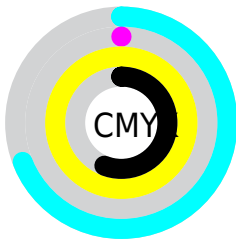
Blue (0%)



Red (0%)

Yellow (44%)

Blue (30%)

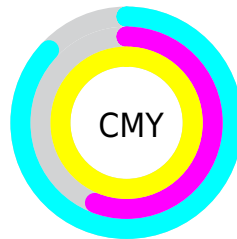


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (87%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.3441, 11.7090, 1.9257 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 6.3441, 11.7090, 1.9257 by changing the saturation by 10% instead.

6.3441, 11.7090,
1.9257

6.3441, 11.7090,
1.9257

156.7635,
202.4692, 121.2122

3.0981, 6.5459,
0.5090

18.3590, 28.9640,
8.8367

1.2058, 3.1797,
0.0000

27.8586, 41.8246,
15.2359

0.1110, 1.2263,
0.0000

40.1735, 58.0199,
24.1557

0.0000, 0.0830,
0.0000

55.6689, 77.9341,
36.0146


0.0000, 0.0000,
0.0000


74.7102, 101.9518,
51.2312


97.6629, 130.4573,


70.2239


 124.8922,
163.8349, 93.4114


 6.3441, 11.7090,
1.9257


 6.3441, 11.7090,
1.9257


 6.3442, 11.7094,
1.9258

 6.6883, 11.8798,
2.2604

 7.1175, 12.0911,
2.7282

 7.6566, 12.3538,
3.4425

 8.3139, 12.6714,
4.4309

 9.0966, 13.0473,
5.7175

■ 10.0116, 13.4843,
7.3238

■ 11.0649, 13.9854,
9.2693

■ 12.2623, 14.5529,
11.5718

■ 13.6092, 15.1895,
14.2480

Harmonies

Analogous

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



9.4078, 11.7090, 0.6820



6.3441, 11.7090, 1.9257



4.8576, 11.7090, 6.7438

Triad

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



6.3441, 11.7090, 1.9257



8.7652, 11.7090, 52.5740



21.5983, 11.7090, 8.2181

Complementary

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



6.3441, 11.7090, 1.9257



5.9309, 2.7261, 15.2533

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.



21.2930, 11.7090, 21.5527



6.3441, 11.7090, 1.9257



13.0484, 11.7090, 54.0394

Square

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



6.3441, 11.7090, 1.9257



5.9809, 11.7090, 37.0551



17.8629, 11.7090, 40.2865



18.6116, 11.7090, 2.3972

Rectangle

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



6.3441, 11.7090, 1.9257



4.6381, 11.7090, 13.7985



17.8629, 11.7090, 40.2865



21.8958, 11.7090, 11.7543

Sweetspot

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



6.3444, 11.7095, 1.9260



19.6478, 24.9637, 16.2871



9.1303, 8.5284, 1.1651



4.5672, 5.9246, 3.6270



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.



6.3444, 11.7095, 1.9260



11.2398, 20.9048, 3.4426



5.8143, 11.4213, 2.5766



3.4323, 3.8082, 3.6275



7.4508, 13.7847, 2.2680



36.3284, 68.2620, 11.2612

Inverse Universe

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



5.9309, 2.7261, 15.2533



10.4866, 4.8125, 27.3060



8.4293, 4.1292, 10.1720



3.4198, 3.4047, 4.2311



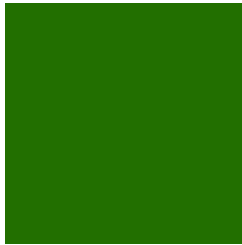
6.9613, 3.1981, 17.9720



33.7685, 15.4627, 89.4839

Previews

White Background



This preview shows how the XYZ color 6.3441, 11.7090, 1.9257 looks on a white background.

Color Contrast Check

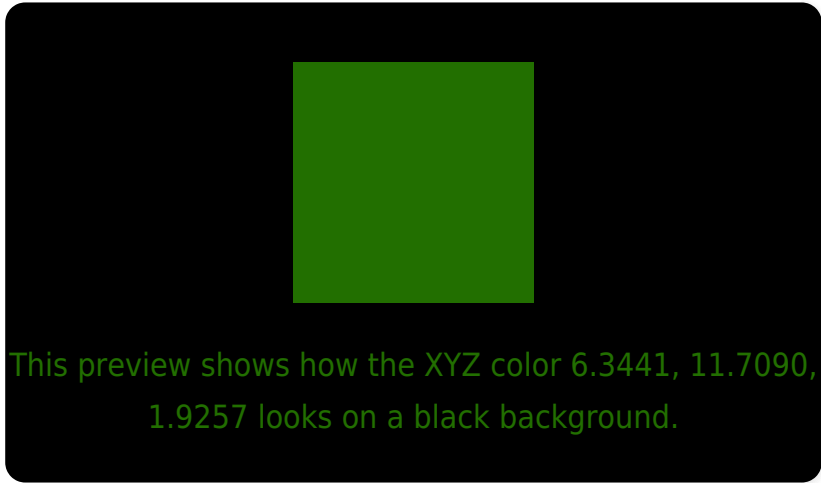
Large Text (above 18pt) WCAG AA ✓ Pass

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

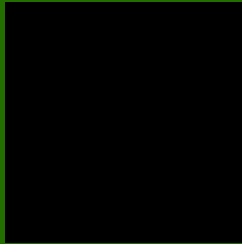
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 6.3441, 11.7090, 1.9257

Background



This preview shows how black text looks on a background with the XYZ color 6.3441, 11.7090, 1.9257.



This preview shows how white text looks on a background with the XYZ color 6.3441, 11.7090,

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

6.3441, 11.7090, 1.9257

Protanopia

10.3672, 11.5539, 1.6837

Deuteranopia

11.6517, 11.5412, 2.4777



Tritanopia

9.4058, 11.7111, 17.0940

Trichromacy



Original Color

6.3441, 11.7090, 1.9257

Protanomaly

8.0470, 11.0567, 1.7100

Deuteranomaly

8.5737, 10.8937, 2.1027

Tritanomaly

7.5103, 11.3914, 7.7642

Monochromacy



Original Color

6.3441, 11.7090, 1.9257

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

5.8867, 8.1535, 4.0598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.3441, 11.7090, 1.9257 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, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(34, 111, 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(34, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 111, 0) }
```

Border

The CSS property to change the border of an element to XYZ 6.3441, 11.7090, 1.9257 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, 111, 0) }
```


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

```
.border{ border-color:rgb(34, 111, 0) }
```

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

Here you see how a box with a 4 pixel rgb(34, 111, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(34, 111, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.3441, 11.7090, 1.9257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 111, 0) }
```

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

```
.background{ background-color: rgb(34, 111,  
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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