

Converting Colors

XYZ(60.9336, 76.4332, 11.5415)

Have a look what the booklet for
XYZ(60.9336, 76.4332, 11.5415)
contains.

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Color

**XYZ(61.0247, 76.4157,
11.5334)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ED00
RGB	224, 237, 0
RGB Percent	88%, 93%, 0%
CMY	0.1216, 0.0706, 0.9999
CMYK	0.05, 0.00, 1.00, 0.07
HSL	63°, 100%, 46%
HSV	63°, 100%, 93%
XYZ	61.0247, 76.4157, 11.5334
YIQ	206.0950, 68.3290, -76.4630

Conversions

Conversions Part 2

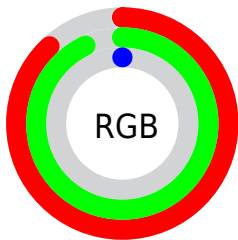
Format	Color
RYB	0, 237, 13
Decimal	14740736
CIELab	90.05, -25.77, 88.22
CIELCh	90, 91.906, 106.287
Yxy	76.4157, 0.4096, 0.5129
Android (android.graphics.Color)	4292930816 (0xFFE0ED00)
YUV	206.0950, -101.6048, 15.7027
Hunter-Lab	87.4161, -28.3682, 53.3687

Details

The XYZ color **61.0247, 76.4157, 11.5334** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **15.4540, 6.2014, 80.5080**, and the grayscale version is **59.3315, 62.4214, 67.9769**.

A 20% lighter version of the original color is **78.9318, 93.5527, 24.0225**, and **31.8337, 40.9403, 6.2244** is the 20% darker color. If you saturate the color by 10%, you get **61.0256, 76.4189, 11.5339**, and if you desaturate by 10%, it is **61.5931, 76.6927, 12.4067**.

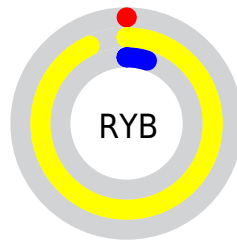
Distribution



Red (88%)

Green (93%)

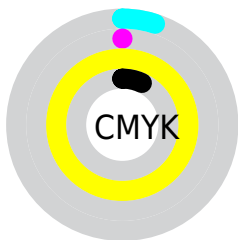
Blue (0%)



Red (0%)

Yellow (93%)

Blue (5%)

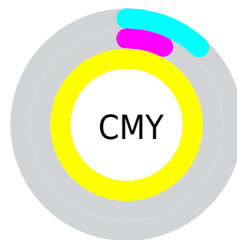


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0247, 76.4157, 11.5334 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 61.0247, 76.4157, 11.5334 by changing the saturation by 10% instead.

61.0247, 76.4157,
11.5334

61.0247, 76.4157,
11.5334

418.1390,
482.7695, 212.1584

44.4977, 56.7734,
6.3082

105.4126,
128.3144, 29.2940

31.2616, 40.8234,
2.9615

134.0042,
161.3395, 42.6664

20.9509, 28.1811,
1.0750

167.3481,
199.5945, 59.5916

13.2004, 18.4622,
0.0000

205.8097,
243.4636, 80.4881

7.6446, 11.2823,
0.0000

249.7542,
293.3313, 105.7745

3.9183, 6.2571,
0.0000

299.5470,

1.6560, 3.0020,

349.5819, 135.8693

0.0000

355.5535,
412.5998, 171.1911

■ 0.4285, 1.1328,
0.0000

■ 0.0000, 0.0058,
0.0000

■ 61.0247, 76.4157,
11.5334

■ 61.0247, 76.4157,
11.5334

■ 61.0256, 76.4189,
11.5339

■ 61.5931, 76.6927,
12.4067

■ 62.3608, 77.0469,
14.3205

■ 63.3915, 77.5066,
17.6036

■ 64.7221, 78.0867,
22.4489

66.3831, 78.7993,
29.0189

68.4018, 79.6553,
37.4553

70.8021, 80.6644,
47.8856

73.6063, 81.8353,
60.4257

76.8345, 83.1762,
75.1830

Harmonies

Analogous

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



83.5190, 76.4157, 11.1472



61.0247, 76.4157, 11.5334



45.3446, 76.4157, 23.1307

Triad

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



61.0247, 76.4157, 11.5334



46.3685, 76.4157, 210.8273



124.0446, 76.4157, 116.6313

Complementary

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



61.0247, 76.4157, 11.5334



15.4540, 6.2014, 80.5080

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.



109.1205, 76.4157, 203.5080



61.0247, 76.4157, 11.5334



62.7326, 76.4157, 274.2979

Square

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



61.0247, 76.4157, 11.5334



38.1736, 76.4157, 123.5824



85.6224, 76.4157, 271.0801



123.3184, 76.4157, 52.7448

Rectangle

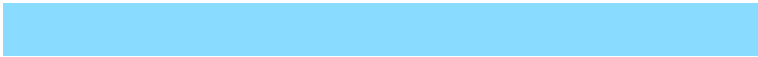
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0247, 76.4157, 11.5334



39.4515, 76.4157, 42.2593



85.6224, 76.4157, 271.0801



120.5769, 76.4157, 144.5467

Sweetspot

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



61.0264, 76.4192, 11.5350



83.5582, 95.2268, 56.3598



35.0574, 18.2658, 1.6789



17.6165, 20.2699, 10.8871



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.0264, 76.4192, 11.5350



72.0368, 90.2214, 13.6177



36.3103, 63.6776, 10.3783



16.2655, 17.5824, 16.0552



33.3531, 41.7386, 6.2985



2.6440, 3.2904, 0.4958

Inverse Universe

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



15.4540, 6.2014, 80.5080



18.2310, 7.3133, 95.0585



24.5500, 10.8907, 80.9337



14.3077, 14.5884, 18.9840



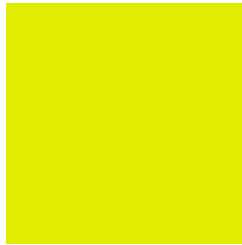
8.4700, 3.4024, 43.9533



0.6921, 0.2811, 3.4527

Previews

White Background



This preview shows how the XYZ color 61.0247, 76.4157, 11.5334 looks on a white background.

Color Contrast Check

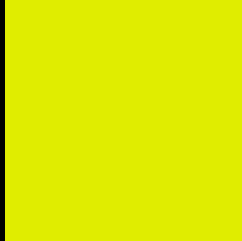
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.0247, 76.4157, 11.5334 looks on a black 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 ✓ Pass

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

XYZ 61.0247, 76.4157, 11.5334

Background



This preview shows how black text looks on a background with the XYZ color 61.0247, 76.4157, 11.5334.



This preview shows how white text looks on a background with the XYZ color 61.0247, 76.4157,

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

61.0247, 76.4157, 11.5334

Protanopia

68.8955, 76.2728, 12.0682

Deuteranopia

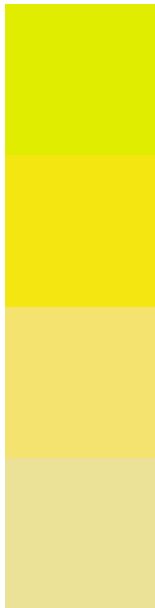
74.6393, 75.9900, 50.2688



Tritanopia

77.3014, 76.0602, 91.4958

Trichromacy



Original Color

61.0247, 76.4157, 11.5334

Protanomaly

65.9853, 76.4254, 11.8041

Deuteranomaly

67.5918, 75.2971, 25.7232

Tritanomaly

67.0432, 74.2892, 40.0839

Monochromacy



Original Color

61.0247, 76.4157, 11.5334

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.3502, 65.4105, 31.1283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0247, 76.4157, 11.5334 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(224, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 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(224, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 0) }
```

Border

The CSS property to change the border of an element to XYZ 61.0247, 76.4157, 11.5334 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(224, 237, 0) }
```


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

```
.border{ border-color:rgb(224, 237, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 237, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0247, 76.4157, 11.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 0) }
```

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

```
.background{ background-color: rgb(224,  
237, 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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