

Converting Colors

XYZ(43.3161, 61.0606, 11.6007)

Have a look what the booklet for
XYZ(43.3161, 61.0606, 11.6007)
contains.

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Color

**XYZ(43.3161, 61.0606,
11.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDE29
RGB	171, 222, 41
RGB Percent	67%, 87%, 16%
CMY	0.3294, 0.1294, 0.8392
CMYK	0.23, 0.00, 0.82, 0.13
HSL	77°, 73%, 52%
HSV	77°, 82%, 87%
XYZ	43.3161, 61.0606, 11.6007
YIQ	186.1170, 27.7050, -67.1030

Conversions

Conversions Part 2

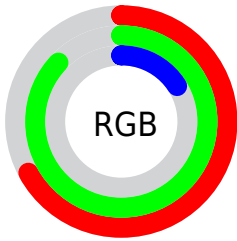
Format	Color
R_YB	41, 222, 92
Decimal	11263529
CIE Lab	82.41, -39.41, 74.86
CIE LCh	82, 84.602, 117.765
Yxy	61.0606, 0.3735, 0.5265
Android (android.graphics.Color)	4289453609 (0xFFABDE29)
YUV	186.1170, -71.5427, -13.2576
Hunter-Lab	78.1413, -37.7992, 45.8968

Details

The XYZ color **43.3161, 61.0606, 11.6007** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **18.3939, 9.1368, 69.9050**, and the grayscale version is **47.1173, 49.5711, 53.9829**.

A 20% lighter version of the original color is **70.8918, 89.3425, 26.6051**, and **20.6288, 31.1481, 4.9249** is the 20% darker color. If you saturate the color by 10%, you get **41.7022, 60.2635, 10.0416**, and if you desaturate by 10%, it is **45.2155, 61.9837, 14.3144**.

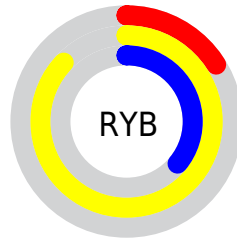
Distribution



Red (67%)

Green (87%)

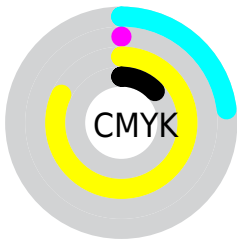
Blue (16%)



Red (16%)

Yellow (87%)

Blue (36%)

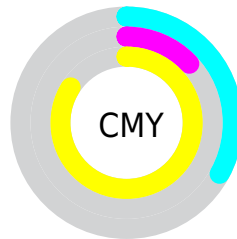


Cyan (23%)

Magenta (0%)

Yellow (82%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3161, 61.0606, 11.6007 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 43.3161, 61.0606, 11.6007 by changing the saturation by 10% instead.

■ 43.3161, 61.0606,
11.6007

■ 43.3161, 61.0606,
11.6007

350.8096,
428.4962, 212.6268

■ 30.3288, 44.2741,
6.3532

■ 79.4404, 106.3667,
29.4192

■ 20.2376, 30.8860,
2.9888

■ 103.3081,
135.6550, 42.8272

■ 12.6771, 20.5121,
1.0889

■ 131.5333,
169.8794, 59.7925

■ 7.2821, 12.7678,
0.0000

■ 164.4814,
209.4243, 80.7336

■ 3.6870, 7.2689,
0.0000

■ 202.5177,
254.6740, 106.0691

■ 1.5266, 3.6308,
0.0000

■ 246.0077,

■ 0.3439, 1.4693,

306.0129, 136.2174

0.0000

295.3165,
363.8255, 171.5971

■ 0.0000, 0.2669,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3161, 61.0606,
11.6007

■ 43.3161, 61.0606,
11.6007

■ 41.7022, 60.2635,
10.0416

■ 45.2155, 61.9837,
14.3144

■ 40.5087, 59.6616,
9.3808

■ 47.4291, 63.0379,
18.3478

■ 49.9861, 64.2371,
23.8435

■ 52.9106, 65.5910,
30.9244

■ 56.2243, 67.1084,
39.7007

■ 59.9470, 68.7974,
50.2727

■ 64.0972, 70.6654,
62.7328

■ 68.6918, 72.7193,
77.1671

■ 73.7471, 74.9657,
93.6564

Harmonies

Analogous

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



59.4009, 61.0606, 8.3991



43.3161, 61.0606, 11.6007



33.3401, 61.0606, 26.2961

Triad

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



43.3161, 61.0606, 11.6007



41.4148, 61.0606, 191.0730



100.1094, 61.0606, 70.4386

Complementary

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



43.3161, 61.0606, 11.6007



18.3939, 9.1368, 69.9050

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.



92.6430, 61.0606, 134.8885



43.3161, 61.0606, 11.6007



56.6927, 61.0606, 223.5928

Square

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



43.3161, 61.0606, 11.6007



32.4131, 61.0606, 124.4075



75.7624, 61.0606, 199.0198



94.5049, 61.0606, 30.0839

Rectangle

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



43.3161, 61.0606, 11.6007



30.2849, 61.0606, 47.5578



75.7624, 61.0606, 199.0198



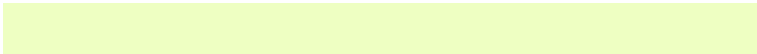
99.0170, 61.0606, 89.8652

Sweetspot

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



43.3175, 61.0633, 11.6020



80.6523, 93.5406, 64.7256



34.1215, 22.8812, 4.7168



16.8689, 19.8428, 12.7314



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.



43.3175, 61.0633, 11.6020



55.6935, 81.7929, 12.9987



30.1117, 54.2555, 10.9840



14.4756, 15.8253, 14.5984



24.1738, 35.4946, 5.5770



1.7617, 2.5047, 0.3906

Inverse Universe

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



18.3939, 9.1368, 69.9050



21.0481, 8.8478, 95.2062



32.7483, 16.5368, 70.5768



13.3129, 13.4293, 17.2781



9.1265, 3.8002, 41.3009



0.7186, 0.3078, 2.8668

Previews

White Background



This preview shows how the XYZ color 43.3161, 61.0606, 11.6007 looks on a white background.

Color Contrast Check

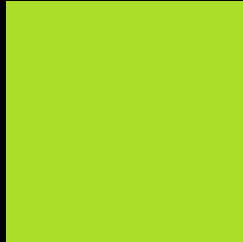
Large Text (above 18pt) WCAG AA × Fail

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 43.3161, 61.0606, 11.6007 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 43.3161, 61.0606, 11.6007

Background



This preview shows how black text looks on a background with the XYZ color 43.3161, 61.0606, 11.6007.



This preview shows how white text looks on a background with the XYZ color 43.3161, 61.0606,

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

43.3161, 61.0606, 11.6007

Protanopia

54.7829, 60.6130, 10.4812

Deuteranopia

61.5752, 60.2609, 13.8550



Tritanopia

56.8673, 60.9005, 78.5698

Trichromacy



Original Color

43.3161, 61.0606, 11.6007

Protanomaly

49.9386, 60.2838, 10.8376

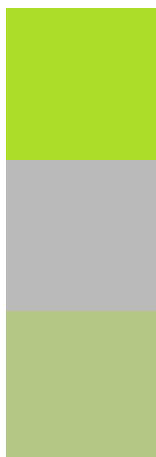
Deuteranomaly

53.0971, 59.3385, 12.6580

Tritanomaly

49.1577, 59.5886, 40.8091

Monochromacy



Original Color

43.3161, 61.0606, 11.6007

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

43.7131, 52.3641, 29.9936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3161, 61.0606, 11.6007 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(171, 222, 41)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 41)  
}
```

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(171, 222, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 41) }
```

Border

The CSS property to change the border of an element to XYZ 43.3161, 61.0606, 11.6007 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(171, 222, 41) }
```


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

```
.border{ border-color:rgb(171, 222, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 222, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 222, 41); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 222, 41); box-shadow:4px 4px 4px 4px rgb(171, 222, 41) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3161, 61.0606, 11.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 41) }
```

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

```
.background{ background-color: rgb(171,  
222, 41) }
```

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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