

Converting Colors

XYZ(41.6009, 60.9873, 10.8755)

Have a look what the booklet for
XYZ(41.6009, 60.9873, 10.8755)
contains.

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Color

**XYZ(41.6009, 60.9873,
10.8755)**

Conversions

Conversions Part 1

Format	Color
Hex	A1E01F
RGB	161, 224, 31
RGB Percent	63%, 88%, 12%
CMY	0.3686, 0.1215, 0.8784
CMYK	0.28, 0.00, 0.86, 0.12
HSL	80°, 76%, 50%
HSV	80°, 86%, 88%
XYZ	41.6009, 60.9873, 10.8755
YIQ	183.1610, 24.4050, -73.3790

Conversions

Conversions Part 2

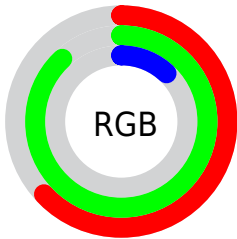
Format	Color
RYB	31, 224, 94
Decimal	10608671
CIELab	82.37, -44.39, 76.81
CIElCh	82, 88.715, 120.023
Yxy	60.9873, 0.3666, 0.5375
Android (android.graphics.Color)	4288798751 (0xFFA1E01F)
YUV	183.1610, -75.0154, -19.4352
Hunter-Lab	78.0944, -41.5781, 46.4093

Details

The XYZ color **41.6009, 60.9873, 10.8755** 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 **18.5636, 8.7434, 71.2338**, and the grayscale version is **45.4900, 47.8590, 52.1184**.

A 20% lighter version of the original color is **67.4798, 87.6175, 24.9106**, and **19.5962, 30.8888, 4.9293** is the 20% darker color. If you saturate the color by 10%, you get **39.9710, 60.1722, 9.7550**, and if you desaturate by 10%, it is **43.5242, 61.9340, 13.0788**.

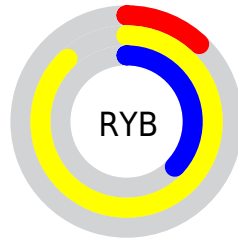
Distribution



Red (63%)

Green (88%)

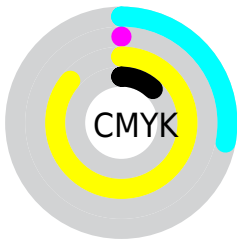
Blue (12%)



Red (12%)

Yellow (88%)

Blue (37%)

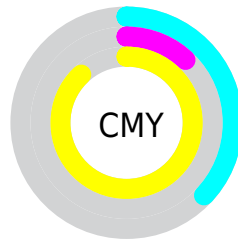


Cyan (28%)

Magenta (0%)

Yellow (86%)

Black (12%)



Cyan (37%)

Magenta (12%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6009, 60.9873, 10.8755 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 41.6009, 60.9873, 10.8755 by changing the saturation by 10% instead.

■ 41.6009, 60.9873,
10.8755

■ 41.6009, 60.9873,
10.8755

343.8457,
428.2274, 207.5181

■ 28.9787, 44.2149,
5.8701

■ 76.8642, 106.2605,
28.0628

■ 19.2089, 30.8395,
2.6987

■ 100.2360,
135.5302, 41.0818

■ 11.9262, 20.4767,
0.9428

■ 127.9216,
169.7344, 57.6091

■ 6.7653, 12.7420,
0.0000

■ 160.2865,
209.2576, 78.0631

■ 3.3608, 7.2511,
0.0000

■ 197.6960,
254.4840, 102.8625

■ 1.3473, 3.6196,
0.0000

■ 240.5155,

■ 0.2182, 1.4632,

305.7982, 132.4257

0.0000

289.1103,
363.5846, 167.1714

■ 0.0000, 0.2626,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.6009, 60.9873,
10.8755

■ 41.6009, 60.9873,
10.8755

■ 39.9710, 60.1722,
9.7550

■ 43.5242, 61.9340,
13.0788

■ 39.3962, 59.8813,
9.4819

■ 45.7750, 63.0197,
16.5551

■ 48.3856, 64.2596,
21.4616

■ 51.3827, 65.6646,
27.9320

■ 54.7902, 67.2443,
36.0845

■ 58.6296, 69.0075,
46.0259

■ 62.9207, 70.9623,
57.8542

■ 67.6821, 73.1163,
71.6603

■ 72.9312, 75.4765,
87.5292

Harmonies

Analogous

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



57.9517, 60.9873, 7.2041



41.6009, 60.9873, 10.8755



31.8165, 60.9873, 26.7622

Triad

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



41.6009, 60.9873, 10.8755



41.6216, 60.9873, 203.7417



102.4943, 60.9873, 66.3622

Complementary

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



41.6009, 60.9873, 10.8755



18.5636, 8.7434, 71.2338

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.



95.5409, 60.9873, 133.2608



41.6009, 60.9873, 10.8755



57.9815, 60.9873, 234.6137

Square

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



41.6009, 60.9873, 10.8755



31.8265, 60.9873, 133.3784



78.1440, 60.9873, 203.6517



95.5201, 60.9873, 26.7219

Rectangle

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



41.6009, 60.9873, 10.8755



29.0094, 60.9873, 49.9388



78.1440, 60.9873, 203.6517



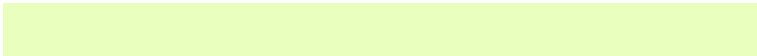
101.6919, 60.9873, 86.1425

Sweetspot

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



41.6023, 60.9900, 10.8768



78.6331, 92.5646, 61.6959



34.8277, 23.6234, 4.0214



16.4318, 19.6299, 12.1500



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.



41.6023, 60.9900, 10.8768



52.7186, 80.2625, 12.7136



29.1780, 54.5850, 10.2954



14.4141, 15.7936, 14.5956



23.0559, 34.9183, 5.5247



1.6910, 2.4682, 0.3873

Inverse Universe

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



18.5636, 8.7434, 71.2338



21.6393, 9.0704, 95.2180



34.8385, 17.1334, 71.9955



13.3714, 13.4595, 17.2809



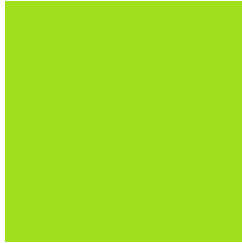
9.5442, 4.0155, 41.3204



0.7534, 0.3257, 2.8684

Previews

White Background



This preview shows how the XYZ color 41.6009, 60.9873, 10.8755 looks on a white background.

Color Contrast Check

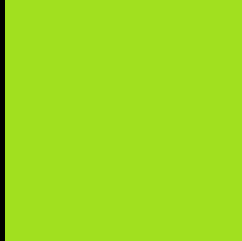
Large Text (above 18pt) WCAG AA × Fail

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 41.6009, 60.9873, 10.8755 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 41.6009, 60.9873, 10.8755

Background



This preview shows how black text looks on a background with the XYZ color 41.6009, 60.9873, 10.8755.



This preview shows how white text looks on a background with the XYZ color 41.6009, 60.9873,

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

41.6009, 60.9873, 10.8755

Protanopia

54.6399, 60.5558, 9.7283

Deuteranopia

61.4859, 60.2252, 13.3850



Tritanopia

55.4379, 60.4931, 79.9886

Trichromacy



Original Color

41.6009, 60.9873, 10.8755

Protanomaly

48.9182, 60.1452, 10.0678

Deuteranomaly

52.2927, 59.2918, 12.0565

Tritanomaly

47.3349, 59.4249, 39.5472

Monochromacy



Original Color

41.6009, 60.9873, 10.8755

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

41.7696, 51.0606, 28.0763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6009, 60.9873, 10.8755 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(161, 224, 31)` looks like.

```
.text, #text, p{  
    color:rgb(161, 224, 31)  
}
```

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(161, 224, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 224, 31) }
```

Border

The CSS property to change the border of an element to XYZ 41.6009, 60.9873, 10.8755 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(161, 224, 31) }
```


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

```
.border{ border-color:rgb(161, 224, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 224, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 224, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 224, 31);  
box-shadow:4px 4px 4px 4px rgb(161, 224,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6009, 60.9873, 10.8755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 224, 31) }
```

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

```
.background{ background-color: rgb(161,  
224, 31) }
```

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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