

Converting Colors

XYZ(26.6212, 39.8366, 6.2861)

Have a look what the booklet for
XYZ(26.6212, 39.8366, 6.2861)
contains.

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Color

**XYZ(26.6122, 39.7849,
6.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	81BA00
RGB	129, 186, 0
RGB Percent	51%, 73%, 0%
CMY	0.4941, 0.2706, 0.9999
CMYK	0.31, 0.00, 1.00, 0.27
HSL	78°, 100%, 36%
HSV	78°, 100%, 73%
XYZ	26.6122, 39.7849, 6.2767
YIQ	147.7530, 25.7340, -69.9300

Conversions

Conversions Part 2

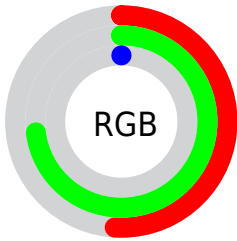
Format	Color
RYB	0, 186, 57
Decimal	8501760
CIELab	69.32, -40.64, 69.84
CIELCh	69, 80.800, 120.196
Yxy	39.7849, 0.3662, 0.5474
Android (android.graphics.Color)	4286691840 (0xFF81BA00)
YUV	147.7530, -72.8422, -16.4464
Hunter-Lab	63.0753, -35.0705, 38.2527

Details

The XYZ color **26.6122, 39.7849, 6.2767** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **10.5524, 4.4164, 46.7529**, and the grayscale version is **28.3337, 29.8093, 32.4623**.

A 20% lighter version of the original color is **53.6569, 74.6336, 18.9748**, and **10.9238, 17.8802, 2.8755** is the 20% darker color. If you saturate the color by 10%, you get **26.6120, 39.7861, 6.2769**, and if you desaturate by 10%, it is **27.6177, 40.2914, 6.9207**.

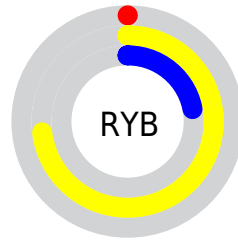
Distribution



Red (51%)

Green (73%)

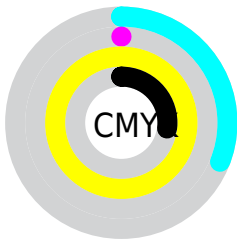
Blue (0%)



Red (0%)

Yellow (73%)

Blue (22%)

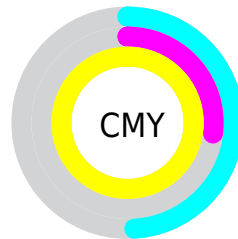


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (49%)


Magenta (27%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6122, 39.7849, 6.2767 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 26.6122, 39.7849, 6.2767 by changing the saturation by 10% instead.


 26.6122, 39.7849,
6.2767


 26.6122, 39.7849,
6.2767


277.9764,
345.2161, 170.9068


 17.4173, 27.3709,
2.9426

 53.6852, 74.8359,
18.9901


 10.6296, 17.8520,
1.0654


 72.2940, 98.2416,
29.2064


 5.8838, 10.8438,
0.0000


 94.7715, 126.0800,
42.5538

 2.8145, 5.9619,
0.0000

 121.4830,
158.7355, 59.4509

 1.0565, 2.8219,
0.0000

 152.7939,
196.5924, 80.3162

 0.0000, 1.0395,
0.0000

 189.0696,

 0.0000, 0.0000,

240.0353, 105.5682

0.0000

230.6753,
289.4484, 135.6256

■ 26.6122, 39.7849,
6.2767

■ 26.6122, 39.7849,
6.2767

■ 26.6120, 39.7861,
6.2769

■ 27.6177, 40.2914,
6.9207

■ 28.7803, 40.8649,
8.1395

■ 30.1416, 41.5237,
10.1449

■ 31.7224, 42.2761,
13.0417

■ 33.5400, 43.1292,
16.9184

■ 35.6100, 44.0893,
21.8529

■ 37.9464, 45.1620,
27.9153

■ 40.5620, 46.3525,
35.1695

■ 43.4687, 47.6658,
43.6749

Harmonies

Analogous

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



37.7293, 39.7849, 3.9659



26.6122, 39.7849, 6.2767



20.0472, 39.7849, 16.6432

Triad

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



26.6122, 39.7849, 6.2767



26.7290, 39.7849, 139.4780



68.6177, 39.7849, 43.0757

Complementary

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



26.6122, 39.7849, 6.2767



10.5524, 4.4164, 46.7529

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.



63.8289, 39.7849, 89.3694



26.6122, 39.7849, 6.2767



37.8995, 39.7849, 161.0955

Square

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



26.6122, 39.7849, 6.2767



20.1030, 39.7849, 90.0554



51.7873, 39.7849, 138.9472



63.7083, 39.7849, 16.4211

Rectangle

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



26.6122, 39.7849, 6.2767



18.1867, 39.7849, 32.2647



51.7873, 39.7849, 138.9472



68.0778, 39.7849, 56.6473

Sweetspot

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



26.6131, 39.7867, 6.2776



68.5498, 81.7511, 49.9864



21.6561, 13.2502, 1.4168



14.6897, 17.8169, 9.9358



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.6131, 39.7867, 6.2776



47.9750, 71.9780, 11.3646



18.3307, 35.5169, 5.8899



9.4750, 10.3615, 9.6075



17.9821, 26.8064, 4.2264



0.6939, 0.9759, 0.1518

Inverse Universe

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



10.5524, 4.4164, 46.7529



18.9079, 7.8916, 84.7281



21.2229, 9.9173, 47.2523



8.7731, 8.8494, 11.3251



7.1664, 3.0056, 31.4555



0.3178, 0.1396, 1.1119

Previews

White Background



This preview shows how the XYZ color 26.6122, 39.7849, 6.2767 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 26.6122, 39.7849, 6.2767 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 26.6122, 39.7849, 6.2767

Background



This preview shows how black text looks on a background with the XYZ color 26.6122, 39.7849, 6.2767.



This preview shows how white text looks on a background with the XYZ color 26.6122, 39.7849,

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

26.6122, 39.7849, 6.2767

Protanopia

35.4232, 39.3231, 5.7231

Deuteranopia

40.0256, 39.2600, 7.0585



Tritanopia

35.9458, 39.6780, 52.7778

Trichromacy



Original Color

26.6122, 39.7849, 6.2767

Protanomaly

31.4784, 38.9848, 5.8657

Deuteranomaly

33.6242, 38.3789, 6.3947

Tritanomaly

30.0654, 38.7481, 23.3473

Monochromacy



Original Color

26.6122, 39.7849, 6.2767

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

25.9252, 32.3115, 15.4600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6122, 39.7849, 6.2767 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(129, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 186, 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(129, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 186, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6122, 39.7849, 6.2767 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(129, 186, 0) }
```


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

```
.border{ border-color:rgb(129, 186, 0) }
```

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

Here you see how a box with a 4 pixel rgb(129, 186, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 186,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6122, 39.7849, 6.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 186, 0) }
```

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

```
.background{ background-color: rgb(129,  
186, 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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