

Converting Colors

XYZ(27.0950, 39.8504, 6.8598)

Have a look what the booklet for
XYZ(27.0950, 39.8504, 6.8598)
contains.

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Color

**XYZ(26.9822, 39.6505,
6.8473)**

Conversions

Conversions Part 1

Format	Color
Hex	84B913
RGB	132, 185, 19
RGB Percent	52%, 73%, 7%
CMY	0.4824, 0.2745, 0.9254
CMYK	0.29, 0.00, 0.90, 0.27
HSL	79°, 81%, 40%
HSV	79°, 90%, 73%
XYZ	26.9822, 39.6505, 6.8473
YIQ	150.2290, 21.6980, -62.8620

Conversions

Conversions Part 2

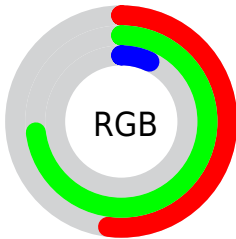
Format	Color
RYB	19, 185, 72
Decimal	8698131
CIELab	69.22, -38.72, 67.40
CIElCh	69, 77.726, 119.875
Yxy	39.6505, 0.3672, 0.5396
Android (android.graphics.Color)	4286888211 (0xFF84B913)
YUV	150.2290, -64.6959, -15.9868
Hunter-Lab	62.9686, -33.7075, 37.6308

Details

The XYZ color **26.9822, 39.6505, 6.8473** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **11.6643, 5.3475, 46.3187**, and the grayscale version is **29.3482, 30.8766, 33.6246**.

A 20% lighter version of the original color is **54.0813, 74.3853, 20.1017**, and **11.2318, 18.0390, 2.8899** is the 20% darker color. If you saturate the color by 10%, you get **25.9704, 39.1434, 6.2014**, and if you desaturate by 10%, it is **28.1577, 40.2319, 8.0743**.

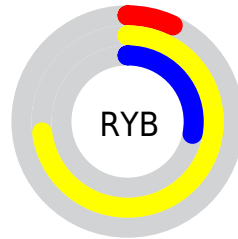
Distribution



Red (52%)

Green (73%)

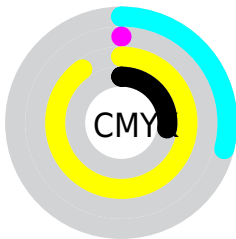
Blue (7%)



Red (7%)

Yellow (73%)

Blue (28%)

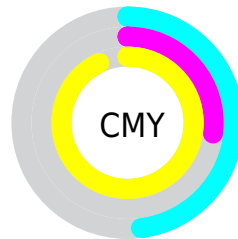


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (48%)


Magenta (27%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9822, 39.6505, 6.8473 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 26.9822, 39.6505, 6.8473 by changing the saturation by 10% instead.


 26.9822, 39.6505,
6.8473


 26.9822, 39.6505,
6.8473


279.7400,
344.6483, 175.9713


 17.6964, 27.2661,
3.2898

 54.2754, 74.6310,
20.1730

 10.8306, 17.7732,
1.2444


 73.0135, 97.9960,
30.7782


 6.0195, 10.7873,
0.0156


 95.6330, 125.7899,
44.5698

 2.8977, 5.9240,
0.0000

 122.4994,
158.3972, 61.9662

 1.0999, 2.7989,
0.0000

 153.9779,
196.2023, 83.3860

 0.0250, 1.0277,
0.0000

 190.4339,

 0.0000, 0.0000,

239.5896, 109.2478

0.0000

232.2329,
288.9435, 139.9700

■ 26.9822, 39.6505,
6.8473

■ 26.9822, 39.6505,
6.8473

■ 25.9704, 39.1434,
6.2014

■ 28.1577, 40.2319,
8.0743

■ 25.9434, 39.1299,
6.1855

■ 29.5332, 40.8980,
10.0806

■ 31.1299, 41.6588,
12.9699

■ 32.9650, 42.5213,
16.8292

■ 35.0540, 43.4918,
21.7352

■ 37.4107, 44.5759,
27.7567

■ 40.0477, 45.7787,
34.9568

■ 42.9770, 47.1051,
43.3940

■ 46.2096, 48.5595,
53.1227

Harmonies

Analogous

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



37.7390, 39.6505, 4.5112



26.9822, 39.6505, 6.8473



20.5507, 39.6505, 17.1074

Triad

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



26.9822, 39.6505, 6.8473



26.9096, 39.6505, 133.6820



67.0289, 39.6505, 43.3229

Complementary

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



26.9822, 39.6505, 6.8473



11.6643, 5.3475, 46.3187

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.



62.3965, 39.6505, 87.4974



26.9822, 39.6505, 6.8473



37.6342, 39.6505, 154.3214

Square

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



26.9822, 39.6505, 6.8473



20.5157, 39.6505, 87.0819



50.9029, 39.6505, 134.0010



62.4699, 39.6505, 17.2480

Rectangle

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



26.9822, 39.6505, 6.8473



18.7010, 39.6505, 32.2130



50.9029, 39.6505, 134.0010



66.4835, 39.6505, 56.3727

Sweetspot

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



26.9831, 39.6523, 6.8481



68.0314, 80.3034, 52.4621



22.4164, 14.9421, 2.3193



14.3386, 17.1618, 10.4397



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.9831, 39.6523, 6.8481



46.2085, 69.9469, 11.0657



18.7557, 35.4109, 6.4631



9.4638, 10.3557, 9.6070



17.7426, 26.6830, 4.2152



0.6868, 0.9723, 0.1515

Inverse Universe

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



11.6643, 5.3475, 46.3187



18.7074, 7.8322, 82.7304



22.4262, 10.8955, 46.8224



8.7839, 8.8549, 11.3257



7.2619, 3.0549, 31.4600



0.3223, 0.1419, 1.1121

Previews

White Background



This preview shows how the XYZ color 26.9822, 39.6505, 6.8473 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 26.9822, 39.6505, 6.8473 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 26.9822, 39.6505, 6.8473

Background



This preview shows how black text looks on a background with the XYZ color 26.9822, 39.6505, 6.8473.

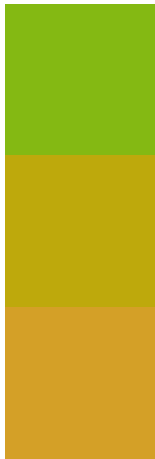


This preview shows how white text looks on a background with the XYZ color 26.9822, 39.6505,

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

26.9822, 39.6505, 6.8473

Protanopia

35.4895, 39.3496, 6.0726

Deuteranopia

40.0884, 39.2851, 7.3894



Tritanopia

36.0099, 39.4398, 52.1691

Trichromacy



Original Color

26.9822, 39.6505, 6.8473

Protanomaly

31.7784, 39.1295, 6.3298

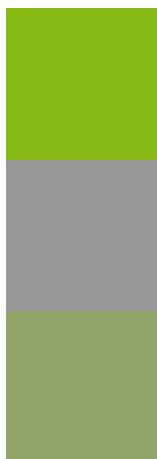
Deuteranomaly

33.9771, 38.5475, 7.0161

Tritanomaly

30.7515, 38.7646, 25.2636

Monochromacy



Original Color

26.9822, 39.6505, 6.8473

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

26.8232, 32.9933, 17.5250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9822, 39.6505, 6.8473 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(132, 185, 19)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 19)  
}
```

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(132, 185, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 19) }
```

Border

The CSS property to change the border of an element to XYZ 26.9822, 39.6505, 6.8473 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(132, 185, 19) }
```


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

```
.border{ border-color:rgb(132, 185, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 185, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 19);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9822, 39.6505, 6.8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 19) }
```

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

```
.background{ background-color: rgb(132,  
185, 19) }
```

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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