

Converting Colors

YUV(45.1310, -12.3896,
-39.5799)

Have a look what the booklet for
YUV(45.1310, -12.3896, -39.5799)
contains.

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Color

**YUV(45.1310, -12.3896,
-39.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	004914
RGB	0, 73, 20
RGB Percent	0%, 29%, 8%
CMY	1.0000, 0.7137, 0.9216
CMYK	1.00, 0.00, 0.73, 0.71
HSL	136°, 100%, 14%
HSV	136°, 100%, 29%
XYZ	2.5088, 4.8156, 1.4591
YIQ	45.1310, -26.4950, -31.9590

Conversions

Conversions Part 2

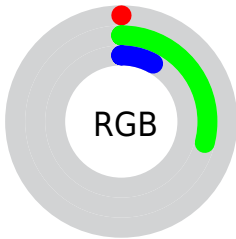
Format	Color
RYB	0, 57, 73
Decimal	18708
CIELab	26.20, -33.04, 25.26
CIELCh	26, 41.586, 142.600
Yxy	4.8156, 0.2856, 0.5483
Android (android.graphics.Color)	4278208788 (0xFF004914)
YUV	45.1310, -12.3896, -39.5799
Hunter-Lab	21.9445, -17.9957, 11.4189

Details

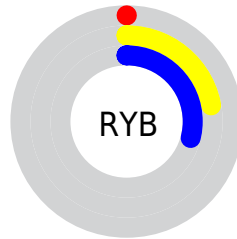
The YUV color **45.1310, -12.3896, -39.5799** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **27.8690, 12.3896, 39.5799**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5510, -16.0476, -32.9322**, and **17.6100, -8.6817, -15.4440** is the 20% darker color. If you saturate the color by 10%, you get **45.1310, -12.3896, -39.5799**, and if you desaturate by 10%, it is **47.7940, -11.2374, -35.7763**.

Distribution



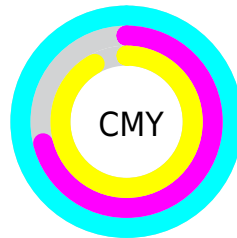
- Red (0%)
- Green (29%)
- Blue (8%)



- Red (0%)
- Yellow (22%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (71%)





- Cyan (100%)
- Magenta (71%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 45.1310, -12.3896, -39.5799 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 YUV color 45.1310, -12.3896, -39.5799 by changing the saturation by 10% instead.


 45.1310, -12.3896,
-39.5799


 45.1310, -12.3896,
-39.5799

 253.6470, -1.3050,
-1.4444

 29.3500, -14.4695,
-25.7399


 97.5510, -16.0476,
-32.9322


 17.6100, -8.6817,
-15.4440

 123.3230,
-16.9212, -32.7323

 0.0000, 0.0000,
0.0000

 149.7960,
-17.6474, -33.1471


 176.6820,
-18.0842, -33.0471


 204.8560,
-18.6630, -34.0767


 229.8070,


-17.6529, -31.4027


 241.6700, -9.6973,
-16.3736


 45.1310, -12.3896,
-39.5799

 47.7940, -11.2374,
-35.7763

 50.8700, -9.7959,
-31.4580

 53.5330, -8.6438,
-27.6544

 56.1960, -7.4916,
-23.8509

 59.2720, -6.0501,
-19.5325

■ 61.9350, -4.8980,
-15.7290

■ 64.5980, -3.7458,
-11.9254

■ 67.2610, -2.5937,
-8.1219

■ 70.3370, -1.1521,
-3.8035

Harmonies

Analogous

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



55.1760, -27.2018, -1.9084



45.1310, -12.3896, -39.5799



50.6540, 1.1566, -44.4236

Triad

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



45.1310, -12.3896, -39.5799



54.1660, 34.9212, -47.5036



56.5660, -8.1670, 53.0006

Complementary

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



45.1310, -12.3896, -39.5799



27.8690, 12.3896, 39.5799

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.



58.0290, 6.3947, 49.0866



45.1310, -12.3896, -39.5799



60.1100, 30.0188, -15.0055

Square

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



45.1310, -12.3896, -39.5799



56.2060, 27.5064, -49.2927



63.0890, 18.6901, 25.3549



58.3630, -23.8430, 40.9006

Rectangle

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



45.1310, -12.3896, -39.5799



53.1620, 10.7661, -46.6231



63.0890, 18.6901, 25.3549



56.8310, -3.3677, 53.6452

Sweetspot

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



45.1310, -12.3896, -39.5799



83.3480, -4.6086, -15.2142



58.9970, -29.0855, -4.3824



41.5490, -2.7357, -9.2515



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



45.1310, -12.3896, -39.5799



58.1420, -15.8460, -50.9905



49.2350, 3.3351, -43.1791



34.4620, -0.7208, -2.1592



61.1910, -16.8562, -53.6645



140.3170, -38.6103, -123.0580

Inverse Universe

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



27.8690, 12.3896, 39.5799



35.9720, 16.2828, 50.8906



23.7650, -3.3351, 43.1791



33.5380, 0.7208, 2.1592



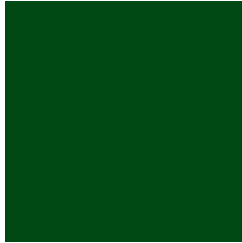
37.8090, 16.8562, 53.6645



86.6830, 38.6103, 123.0580

Previews

White Background



This preview shows how the YUV color 45.1310, -12.3896, -39.5799 looks on a white background.

Color Contrast Check

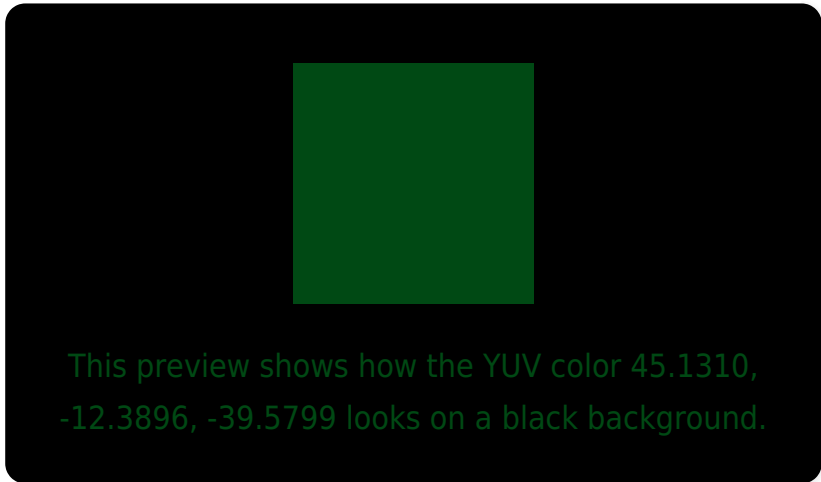
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 45.1310, -12.3896, -39.5799 Background



This preview shows how black text looks on a background with the YUV color 45.1310, -12.3896, -39.5799.



This preview shows how white text looks on a background with the YUV color 45.1310, -12.3896, -39.5799.

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



Protanopia

59.8490, -21.1246, 8.9024

Deuteranopia

60.8050, -17.6519, 15.0800

Tritanopia

57.3220, 8.2223, -23.9614

Trichromacy



Protanomaly

54.8360, -18.1601, -8.6262

Deuteranomaly

55.1400, -15.8450, -4.5078

Tritanomaly

52.9270, 0.5290, -29.7540

Monochromacy



Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0600, -4.4666, -14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.1310, -12.3896, -39.5799 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(0, 73, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 20)  
}
```

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(0, 73, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 20) }
```

Border

The CSS property to change the border of an element to YUV 45.1310, -12.3896, -39.5799 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(0, 73, 20) }
```

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

```
.border{ border-color:rgb(0, 73, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 73, 20); box-shadow:4px  
4px 4px 4px rgb(0, 73, 20) }
```


Background

The CSS property to change the background color of an element to YUV 45.1310, -12.3896, -39.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 20) }
```

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

```
.background{ background-color: rgb(0, 73,  
20) }
```

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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