

Converting Colors

YUV(45.9310, -12.2910,
-24.4955)

Have a look what the booklet for
YUV(45.9310, -12.2910, -24.4955)
contains.

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Color

**YUV(45.9310, -12.2910,
-24.4955)**

Conversions

Conversions Part 1

Format	Color
Hex	124115
RGB	18, 65, 21
RGB Percent	7%, 25%, 8%
CMY	0.9294, 0.7451, 0.9176
CMYK	0.72, 0.00, 0.68, 0.75
HSL	124°, 57%, 16%
HSV	124°, 72%, 25%
XYZ	2.2751, 3.9633, 1.3546
YIQ	45.9310, -13.8880, -23.6480

Conversions

Conversions Part 2

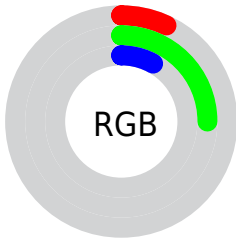
Format	Color
R_YB	18, 62, 65
Decimal	1196309
CIE Lab	23.55, -26.38, 21.85
CIE LCh	24, 34.249, 140.364
Yxy	3.9633, 0.2996, 0.5220
Android (android.graphics.Color)	4279386389 (0xFF124115)
YUV	45.9310, -12.2910, -24.4955
Hunter-Lab	19.9081, -14.4402, 9.9016

Details

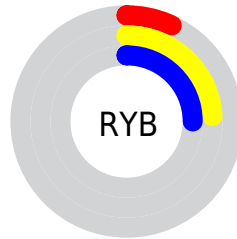
The YUV color **45.9310, -12.2910, -24.4955** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **37.0690, 12.2910, 24.4955**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6600, -14.6224, -23.3808**, and **12.3270, -6.0772, -10.8108** is the 20% darker color. If you saturate the color by 10%, you get **43.4530, -14.0273, -27.5843**, and if you desaturate by 10%, it is **48.4090, -10.5546, -21.4067**.

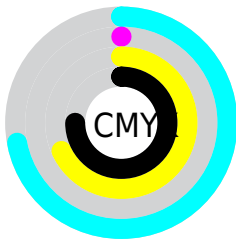
Distribution



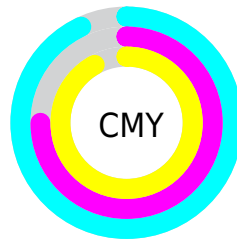
- Red (7%)
- Green (25%)
- Blue (8%)



- Red (7%)
- Yellow (24%)
- Blue (25%)



- Cyan (72%)
- Magenta (0%)
- Yellow (68%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.9310, -12.2910, -24.4955 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 45.9310, -12.2910, -24.4955 by changing the saturation by 10% instead.

■ 45.9310, -12.2910,
-24.4955

■ 45.9310, -12.2910,
-24.4955

■ 254.4300, -2.1840,
0.4999

■ 24.6540, -12.1544,
-21.6216

■ 94.6600, -14.6224,
-23.3808

■ 12.3270, -6.0772,
-10.8108

■ 119.5460,
-15.0592, -23.2808

■ 0.0000, 0.0000,
0.0000


■ 145.7200,
-15.6380, -24.3104


■ 172.3070,
-15.9274, -24.8252


■ 199.7800,
-16.6535, -25.2401


■ 228.2530,


-17.3797, -25.6549


 243.0510,
-10.8711, -13.1997


 45.9310, -12.2910,
-24.4955


 45.9310, -12.2910,
-24.4955


 43.4530, -14.0273,
-27.5843


 48.4090, -10.5546,
-21.4067


 40.6760, -15.6163,
-31.2879

 51.1860, -8.9657,
-17.7031

 38.6110, -17.0632,
-33.8618

 53.6640, -7.2294,
-14.6143

 56.4410, -5.6404,
-10.9108

 59.2180, -4.0515,
-7.2072

■ 61.8100, -1.8783,
-4.2184

■ 64.2880, -0.1420,
-1.1296

■ 67.0650, 1.4470,
2.5740

■ 69.8420, 3.0359,
6.2776

Harmonies

Analogous

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



50.7680, -25.0286, 1.0805



45.9310, -12.2910, -24.4955



44.6870, 1.1403, -39.1905

Triad

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



45.9310, -12.2910, -24.4955



48.0050, 29.0845, -42.1004



53.8420, -6.8241, 42.2346

Complementary

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



45.9310, -12.2910, -24.4955



37.0690, 12.2910, 24.4955

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.



54.9090, 4.9749, 37.7908



45.9310, -12.2910, -24.4955



54.6280, 24.3404, -13.7058

Square

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



45.9310, -12.2910, -24.4955



49.5720, 22.3960, -43.4746



57.8340, 15.3648, 18.5626



53.8120, -18.1483, 34.3679

Rectangle

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



45.9310, -12.2910, -24.4955



47.3260, 8.7133, -41.5049



57.8340, 15.3648, 18.5626



53.5800, -2.7509, 42.4643

Sweetspot

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



45.9310, -12.2910, -24.4955



76.6800, -4.7722, -9.3664



59.0440, -20.2347, 3.4694



38.5710, -2.7465, -5.7628



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



45.9310, -12.2910, -24.4955



54.4210, -18.9416, -38.0802



48.5530, -2.2446, -26.7950



31.7610, -0.8682, -1.5444



57.6230, -25.4501, -50.5354



133.0840, -58.7084, -116.7147

Inverse Universe

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



37.0690, 12.2910, 24.4955



40.5790, 18.9416, 38.0802



34.4470, 2.2446, 26.7950



31.2390, 0.8682, 1.5444



39.3770, 25.4501, 50.5354



90.9160, 58.7084, 116.7147

Previews

White Background



This preview shows how the YUV color 45.9310, -12.2910, -24.4955 looks on a white background.

Color Contrast Check

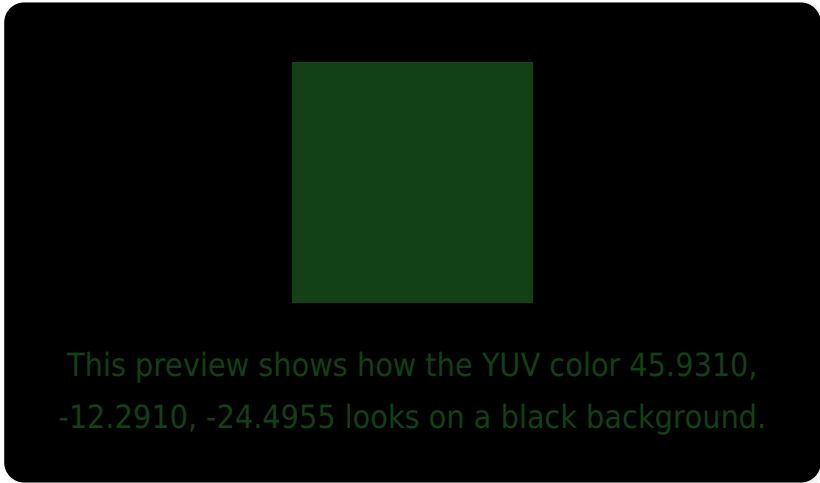
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.9310, -12.2910, -24.4955

Background



This preview shows how black text looks on a background with the YUV color 45.9310, -12.2910, -24.4955.



This preview shows how white text looks on a background with the YUV color 45.9310, -12.2910,

-24.4955.

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

45.9310, -12.2910, -24.4955

Protanopia

53.8750, -17.1934, 8.0026

Deuteranopia

54.8910, -14.7363, 13.2506



Tritanopia

52.6000, 6.6062, -18.9432

Trichromacy



Original Color

45.9310, -12.2910, -24.4955

Protanomaly

50.9660, -15.2662, -3.4782

Deuteranomaly

51.4440, -13.5299, -0.3894

Tritanomaly

49.8680, 0.0651, -20.9322

Monochromacy



Original Color

45.9310, -12.2910, -24.4955

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.9310, -12.2910, -24.4955 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(18, 65, 21)` looks like.

```
.text, #text, p{  
    color:rgb(18, 65, 21)  
}
```

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(18, 65, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 65, 21) }
```

Border

The CSS property to change the border of an element to YUV 45.9310, -12.2910, -24.4955 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(18, 65, 21) }
```


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

```
.border{ border-color:rgb(18, 65, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 65, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 65, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 65, 21);  
box-shadow:4px 4px 4px 4px rgb(18, 65, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.9310, -12.2910, -24.4955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 65, 21) }
```

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

```
.background{ background-color: rgb(18, 65,  
21) }
```

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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