

Converting Colors

YUV(28.6170, -12.6292, -9.3111)

Have a look what the booklet for
YUV(28.6170, -12.6292, -9.3111)
contains.

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Color

**YUV(28.6170, -12.6292,
-9.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	122703
RGB	18, 39, 3
RGB Percent	7%, 15%, 1%
CMY	0.9294, 0.8471, 0.9882
CMYK	0.54, 0.00, 0.92, 0.85
HSL	95°, 86%, 8%
HSV	95°, 92%, 15%
XYZ	0.9914, 1.5862, 0.3401
YIQ	28.6170, -0.9600, -15.6480

Conversions

Conversions Part 2

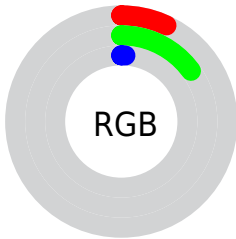
Format	Color
R_YB	3, 39, 24
Decimal	1189635
CIE Lab	13.15, -16.38, 17.80
CIE LCh	13, 24.192, 132.623
Yxy	1.5862, 0.3398, 0.5437
Android (android.graphics.Color)	4279379715 (0xFF122703)
YUV	28.6170, -12.6292, -9.3111
Hunter-Lab	12.5945, -7.9892, 7.2152

Details

The YUV color **28.6170, -12.6292, -9.3111** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.3830, 12.6292, 9.3111**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.1330, -11.8976, -10.6406**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.6770, -13.6448, -10.2407**, and if you desaturate by 10%, it is **29.6710, -11.1768, -8.4815**.

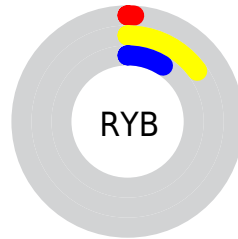
Distribution



Red (7%)

Green (15%)

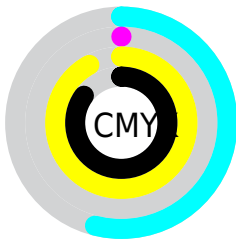
Blue (1%)



Red (1%)

Yellow (15%)

Blue (9%)

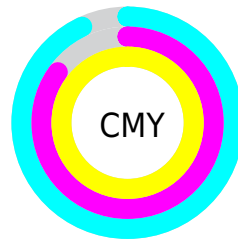


Cyan (54%)

Magenta (0%)

Yellow (92%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.6170, -12.6292, -9.3111 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 28.6170, -12.6292, -9.3111 by changing the saturation by 10% instead.

■ 28.6170, -12.6292,
-9.3111

■ 28.6170, -12.6292,
-9.3111

■ 249.0460, -9.8827,
-3.5483

■ 11.1530, -5.4984,
-9.7812

■ 73.1330, -11.8976,
-10.6406

■ 0.0000, 0.0000,
0.0000

■ 97.6060, -12.6238,
-11.0555


■ 122.1930,
-12.9131, -11.5703


■ 148.0790,
-13.3499, -11.4703


■ 174.5520,
-14.0761, -11.8851


■ 202.4380,


-14.5129, -11.7851


 231.0250,
-14.8023, -12.2999


 28.6170, -12.6292,
-9.3111


 28.6170, -12.6292,
-9.3111


 27.6770, -13.6448,
-10.2407

 29.6710, -11.1768,
-8.4815

 31.0240, -9.8718,
-7.0370

 32.0780, -8.4195,
-6.2074

 33.1320, -6.9671,
-5.3778

 34.1860, -5.5147,
-4.5481

■ 35.4250, -4.6465,
-3.0037

■ 36.4790, -3.1941,
-2.1741

■ 37.5330, -1.7418,
-1.3444

■ 38.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



31.6080, -15.5827, 4.7288



28.6170, -12.6292, -9.3111



26.6890, -1.8187, -23.4063

Triad

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



28.6170, -12.6292, -9.3111



29.8300, 17.8318, -26.1609



32.1930, -2.5601, 27.8947

Complementary

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



28.6170, -12.6292, -9.3111



13.3830, 12.6292, 9.3111

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.



33.8100, 5.0237, 22.0916



28.6170, -12.6292, -9.3111



30.5970, 17.9467, -16.3096

Square

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



28.6170, -12.6292, -9.3111



30.4510, 12.5957, -26.7055



35.1440, 11.7610, 7.7667



32.1790, -11.4272, 25.2760

Rectangle

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



28.6170, -12.6292, -9.3111



28.6440, 3.1335, -25.1208



35.1440, 11.7610, 7.7667



32.5780, 0.2080, 26.6801

Sweetspot

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



28.6170, -12.6292, -9.3111



47.0120, -4.9359, -3.5185



26.0910, -11.3839, 11.3212



23.1800, -3.0467, -2.7889



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



28.6170, -12.6292, -9.3111



36.2160, -17.8545, -13.3444



24.4740, -9.1077, -18.8327



19.4730, -0.7262, -0.4148



59.7730, -29.4681, -21.7259



150.7560, -74.3227, -55.0370

Inverse Universe

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



13.3830, 12.6292, 9.3111



14.7840, 17.8545, 13.3444



17.5260, 9.1077, 18.8327



18.8260, 0.5788, 1.0296



24.2270, 29.4681, 21.7259



60.9450, 74.4701, 54.4222

Previews

White Background



This preview shows how the YUV color 28.6170, -12.6292, -9.3111 looks on a white background.

Color Contrast Check

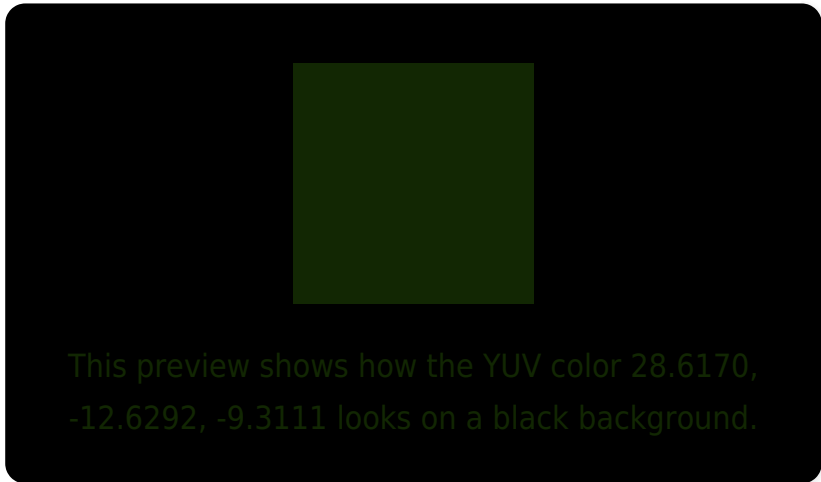
Large Text (above 18pt) WCAG AA ✓ Pass

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

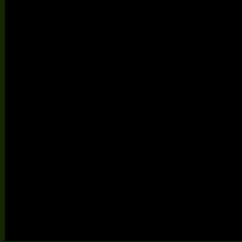
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.6170, -12.6292, -9.3111

Background



This preview shows how black text looks on a background with the YUV color 28.6170, -12.6292, -9.3111.



This preview shows how white text looks on a background with the YUV color 28.6170, -12.6292, -9.3111.

-9.3111.

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

28.6170, -12.6292, -9.3111

Protanopia

31.6190, -15.5882, 6.4731

Deuteranopia

32.5530, -12.1046, 9.1620



Tritanopia

32.7540, 3.0793, -7.6773

Trichromacy



Original Color

28.6170, -12.6292, -9.3111

Protanomaly

30.5150, -14.5509, 0.4253

Deuteranomaly

31.3950, -12.5197, 2.2846

Tritanomaly

31.2610, -2.5937, -8.1219

Monochromacy



Original Color

28.6170, -12.6292, -9.3111

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.6170, -12.6292, -9.3111 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, 39, 3)` looks like.

```
.text, #text, p{  
    color:rgb(18, 39, 3)  
}
```

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, 39, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 39, 3) }
```

Border

The CSS property to change the border of an element to YUV 28.6170, -12.6292, -9.3111 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, 39, 3) }
```


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

```
.border{ border-color:rgb(18, 39, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 39, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 39, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 39, 3); box-shadow:4px  
4px 4px 4px rgb(18, 39, 3) }
```

Background

The CSS property to change the background color of an element to YUV 28.6170, -12.6292, -9.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 39, 3) }
```

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

```
.background{ background-color: rgb(18, 39,  
3) }
```

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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