

Converting Colors

YUV(30.2010, 55.6099, -9.8233)

Have a look what the booklet for
YUV(30.2010, 55.6099, -9.8233)
contains.

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Color

**YUV(30.2010, 55.6099,
-9.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	130E8F
RGB	19, 14, 143
RGB Percent	7%, 5%, 56%
CMY	0.9255, 0.9451, 0.4392
CMYK	0.87, 0.90, 0.00, 0.44
HSL	242°, 82%, 31%
HSV	242°, 90%, 56%
XYZ	5.3835, 2.4357, 26.1730
YIQ	30.2010, -38.4290, 41.1790

Conversions

Conversions Part 2

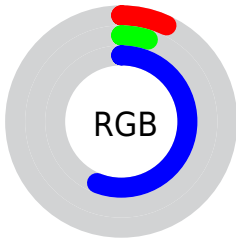
Format	Color
R_YB	19, 14, 143
Decimal	1248911
CIE _{Lab}	17.63, 47.08, -66.38
CIE _{LCh}	18, 81.383, 305.348
Yxy	2.4357, 0.1584, 0.0717
Android (android.graphics.Color)	4279438991 (0xFF130E8F)
YUV	30.2010, 55.6099, -9.8233
Hunter-Lab	15.6067, 34.2617, -88.5067

Details

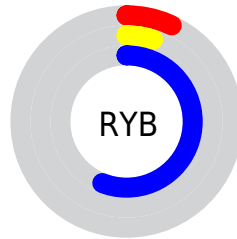
The YUV color **30.2010, 55.6099, -9.8233** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **126.7990, -55.6099, 9.8233**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.0610, 54.6929, 4.3315**, and **10.3740, 39.7486, -9.0980** is the 20% darker color. If you saturate the color by 10%, you get **18.0960, 61.5777, -10.6082**, and if you desaturate by 10%, it is **42.6050, 49.4947, -8.4236**.

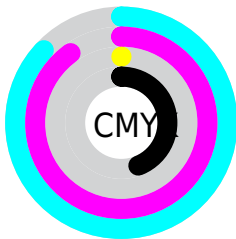
Distribution



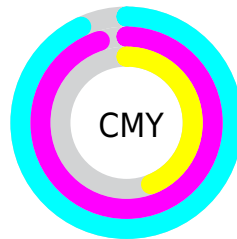
- Red (7%)
- Green (5%)
- Blue (56%)



- Red (7%)
- Yellow (5%)
- Blue (56%)



- Cyan (87%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (93%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.2010, 55.6099, -9.8233 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 30.2010, 55.6099, -9.8233 by changing the saturation by 10% instead.

■ 30.2010, 55.6099,
-9.8233

■ 30.2010, 55.6099,
-9.8233

■ 252.0650, 1.4470,
2.5740

■ 13.3380, 51.1054,
-11.6974

■ 87.0610, 54.6929,
4.3315

■ 10.3740, 39.7486,
-9.0980

■ 113.4250, 55.9925,
7.5203

■ 11.6330, 26.8029,
-10.2021

■ 140.5500, 56.4238,
9.1646

■ 6.6630, 17.9141,
-5.8435

■ 164.4830, 44.6249,
13.6084

■ 3.0950, 9.3202,
-2.7143


■ 189.3020, 32.3891,
18.1521


■ 0.0000, 0.0000,
0.0000


■ 214.1210, 20.1533,


22.6959


 235.0420, 9.8393,
17.5032


 30.2010, 55.6099,
-9.8233


 30.2010, 55.6099,
-9.8233


 18.0960, 61.5777,
-10.6082

 42.6050, 49.4947,
-8.4236

 55.2970, 43.2376,
-8.1535

 67.7010, 37.1224,
-6.7538

 80.1050, 31.0072,
-5.3541

 93.0960, 24.6027,
-4.4692

■ 105.2010, 18.6349,
-3.6843

■ 117.6050, 12.5197,
-2.2846

■ 130.0090, 6.4046,
-0.8849

■ 143.0000, 0.0000,
0.0000

Harmonies

Analogous

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



49.4480, 57.4601, -43.3659



30.2010, 55.6099, -9.8233



44.8020, 24.2546, 60.6866

Triad

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



30.2010, 55.6099, -9.8233



34.2530, -16.8867, 49.7671



41.8490, 5.4974, -36.7016

Complementary

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



30.2010, 55.6099, -9.8233



126.7990, -55.6099, 9.8233

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.



35.2200, -17.3635, -30.8879



30.2010, 55.6099, -9.8233



39.8700, -19.6559, 4.4990

Square

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



30.2010, 55.6099, -9.8233



36.4780, -17.9837, 75.0028



32.2850, -15.9165, -28.3139



49.7490, 30.6897, -43.6299

Rectangle

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



30.2010, 55.6099, -9.8233



45.7380, 4.5662, 75.6518



32.2850, -15.9165, -28.3139



39.4550, -3.6753, -34.6020

Sweetspot

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



30.2010, 55.6099, -9.8233



142.2980, 21.5451, -3.7693



102.0810, 20.1731, -77.2470



67.7190, 12.9565, -2.3846



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



30.2010, 55.6099, -9.8233



23.2970, 80.2126, -14.2925



49.3370, 46.1759, 29.5225



65.0970, 2.9102, -0.0851



16.8850, 58.2307, -10.4231



0.9120, 3.4944, -0.7998

Inverse Universe

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



66.7070, 35.1474, 66.9090



76.0200, 50.7691, 96.4525



107.6630, -46.1759, -29.5225



66.8910, 2.0257, 3.6036



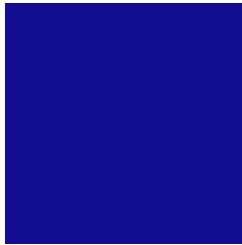
55.1850, 36.8838, 69.9978



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 30.2010, 55.6099, -9.8233 looks on a white background.

Color Contrast Check

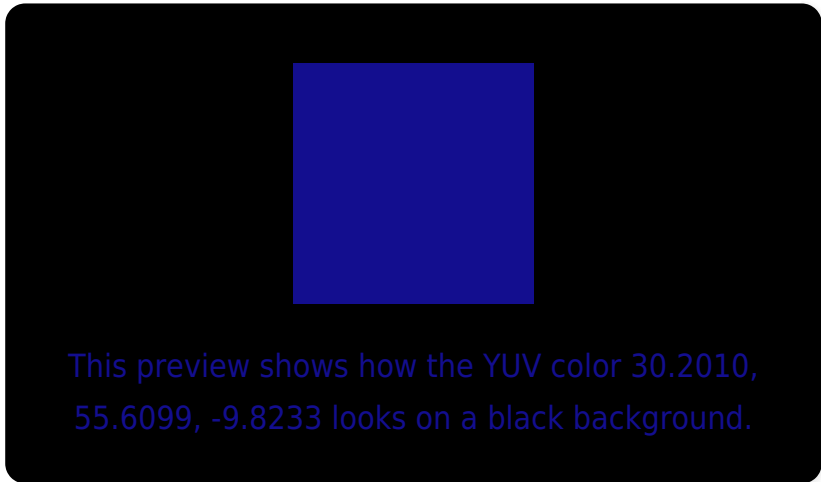
Large Text (above 18pt) WCAG AA ✓ Pass

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

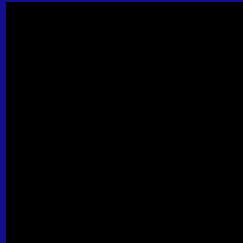
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.2010, 55.6099, -9.8233

Background



This preview shows how black text looks on a background with the YUV color 30.2010, 55.6099, -9.8233.



This preview shows how white text looks on a background with the YUV color 30.2010, 55.6099,

-9.8233.

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

30.2010, 55.6099, -9.8233

Protanopia

36.2020, 27.0154, -31.7492

Deuteranopia

36.3670, 20.0321, -31.8939



Tritanopia

35.2780, 8.2439, -30.9388

Trichromacy



Original Color

30.2010, 55.6099, -9.8233

Protanomaly

34.0040, 37.4660, -23.6825

Deuteranomaly

34.1520, 32.9561, -23.8123

Tritanomaly

33.5020, 25.3885, -23.2423

Monochromacy



Original Color

30.2010, 55.6099, -9.8233

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9560, 20.2347, -3.4694

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.2010, 55.6099, -9.8233 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(19, 14, 143)` looks like.

```
.text, #text, p{  
    color:rgb(19, 14, 143)  
}
```

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(19, 14, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 14, 143) }
```

Border

The CSS property to change the border of an element to YUV 30.2010, 55.6099, -9.8233 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(19, 14, 143) }
```


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

```
.border{ border-color:rgb(19, 14, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 14, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 14, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 14, 143);  
box-shadow:4px 4px 4px 4px rgb(19, 14,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 30.2010, 55.6099, -9.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 14, 143) }
```

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

```
.background{ background-color: rgb(19, 14,  
143) }
```

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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