

Converting Colors

YUV(27.6030, 55.9047,
-11.0528)

Have a look what the booklet for
YUV(27.6030, 55.9047, -11.0528)
contains.

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Color

**YUV(27.6030, 55.9047,
-11.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	0F0C8D
RGB	15, 12, 141
RGB Percent	6%, 5%, 55%
CMY	0.9412, 0.9529, 0.4471
CMYK	0.89, 0.91, 0.00, 0.45
HSL	241°, 84%, 30%
HSV	241°, 91%, 55%
XYZ	5.1362, 2.2876, 25.3701
YIQ	27.6030, -39.6210, 40.7550

Conversions

Conversions Part 2

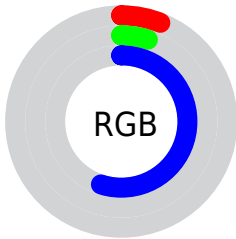
Format	Color
R_{YB}	15, 12, 141
Decimal	986253
CIE _{Lab}	16.93, 47.10, -66.29
CIE _{LCh}	17, 81.320, 305.390
Yxy	2.2876, 0.1566, 0.0698
Android (android.graphics.Color)	4279176333 (0xFF0F0C8D)
YUV	27.6030, 55.9047, -11.0528
Hunter-Lab	15.1248, 34.1481, -88.8651

Details

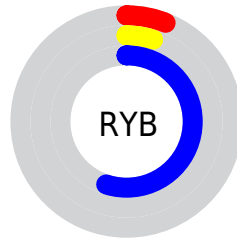
The YUV color **27.6030, 55.9047, -11.0528** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **125.3970, -55.9047, 11.0528**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.0610, 54.6929, 4.3315**, and **10.1460, 38.8750, -8.8980** is the 20% darker color. If you saturate the color by 10%, you get **16.9710, 61.1463, -12.2526**, and if you desaturate by 10%, it is **40.0070, 49.7895, -9.6531**.

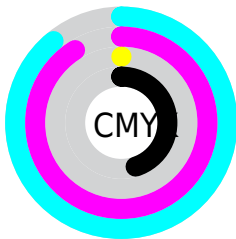
Distribution



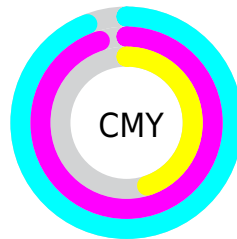
- Red (6%)
- Green (5%)
- Blue (55%)



- Red (6%)
- Yellow (5%)
- Blue (55%)



- Cyan (89%)
- Magenta (91%)
- Yellow (0%)
- Black (45%)



- Cyan (94%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6030, 55.9047, -11.0528 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 27.6030, 55.9047, -11.0528 by changing the saturation by 10% instead.

■ 27.6030, 55.9047,
-11.0528

■ 27.6030, 55.9047,
-11.0528

■ 250.8910, 2.0257,
3.6036

■ 13.1100, 50.2318,
-11.4975

■ 85.0610, 54.6929,
4.3315

■ 10.1460, 38.8750,
-8.8980

■ 112.0120, 55.7031,
7.0055

■ 11.5190, 26.3661,
-10.1022

■ 138.6640, 56.8606,
9.0647

■ 6.5490, 17.4773,
-5.7435

■ 162.7110, 45.4985,
13.4085


■ 2.8670, 8.4466,
-2.5144


■ 187.5300, 33.2627,
17.9522


■ 0.0000, 0.0000,
0.0000


■ 212.3490, 21.0269,


22.4959


 233.8680, 10.4181,
18.5328


 27.6030, 55.9047,
-11.0528


 27.6030, 55.9047,
-11.0528


 16.9710, 61.1463,
-12.2526

 40.0070, 49.7895,
-9.6531

 52.4110, 43.6744,
-8.2534

 64.5160, 37.7066,
-7.4685

 76.9200, 31.5914,
-6.0688

 89.9110, 25.1869,
-5.1839

■ 102.3150, 19.0717,
-3.7843

■ 114.4200, 13.1039,
-2.9993

■ 126.8240, 6.9888,
-1.5996

■ 139.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



48.6330, 56.8759, -42.6511



27.6030, 55.9047, -11.0528



43.9760, 23.6758, 59.6570

Triad

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



27.6030, 55.9047, -11.0528



31.5950, -15.5763, 49.4672



40.5610, 5.6394, -35.5720

Complementary

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



27.6030, 55.9047, -11.0528



125.3970, -55.9047, 11.0528

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.



34.0460, -16.7847, -29.8583



27.6030, 55.9047, -11.0528



38.6850, -19.0717, 3.7843

Square

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



27.6030, 55.9047, -11.0528



35.8800, -17.6888, 73.7732



31.6980, -15.6271, -27.7991



48.9340, 30.1055, -42.9151

Rectangle

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



27.6030, 55.9047, -11.0528



44.7270, 4.5716, 73.9074



31.6980, -15.6271, -27.7991



38.1670, -3.5333, -33.4725

Sweetspot

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



27.6030, 55.9047, -11.0528



139.9990, 21.6925, -4.3841



101.2550, 19.5943, -78.2766



65.7190, 12.9565, -2.3846



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



27.6030, 55.9047, -11.0528



22.1720, 79.7812, -15.9368



46.7390, 46.4707, 28.2929



64.7980, 3.0576, -0.6998



16.2870, 58.5255, -11.6527



0.9120, 3.4944, -0.7998

Inverse Universe

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



64.9350, 36.0210, 66.7090



75.4220, 51.0640, 95.2229



106.2610, -46.4707, -28.2929



66.8910, 2.0257, 3.6036



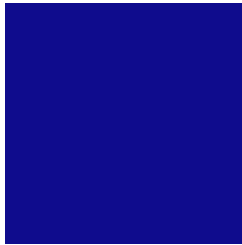
55.4130, 37.7574, 69.7978



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 27.6030, 55.9047, -11.0528 looks on a white background.

Color Contrast Check

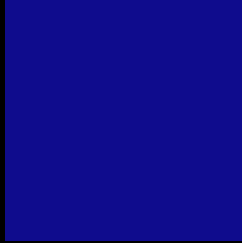
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 27.6030, 55.9047, -11.0528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

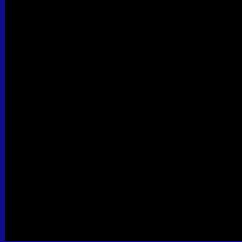
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6030, 55.9047, -11.0528

Background



This preview shows how black text looks on a background with the YUV color 27.6030, 55.9047, -11.0528.



This preview shows how white text looks on a background with the YUV color 27.6030, 55.9047,

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

27.6030, 55.9047, -11.0528

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

34.9650, 19.7373, -30.6643



Tritanopia

34.5770, 8.0965, -30.3240

Trichromacy



Original Color

27.6030, 55.9047, -11.0528

Protanomaly

32.0040, 37.4660, -23.6825

Deuteranomaly

32.1520, 32.9561, -23.8123

Tritanomaly

32.2030, 25.5359, -23.8570

Monochromacy



Original Color

27.6030, 55.9047, -11.0528

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.6570, 20.3821, -4.0842

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6030, 55.9047, -11.0528 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(15, 12, 141)` looks like.

```
.text, #text, p{  
    color:rgb(15, 12, 141)  
}
```

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(15, 12, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 12, 141) }
```

Border

The CSS property to change the border of an element to YUV 27.6030, 55.9047, -11.0528 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(15, 12, 141) }
```


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

```
.border{ border-color:rgb(15, 12, 141) }
```

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

Here you see how a box with a 4 pixel rgb(15, 12, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 12, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 12, 141);  
box-shadow:4px 4px 4px 4px rgb(15, 12,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 27.6030, 55.9047, -11.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 12, 141) }
```

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

```
.background{ background-color: rgb(15, 12,  
141) }
```

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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