

Converting Colors

YUV(95.1070, -29.1398,
13.0612)

Have a look what the booklet for
YUV(95.1070, -29.1398, 13.0612)
contains.

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Color

**YUV(95.1070, -29.1398,
13.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6324
RGB	110, 99, 36
RGB Percent	43%, 39%, 14%
CMY	0.5686, 0.6118, 0.8588
CMYK	0.00, 0.10, 0.67, 0.57
HSL	51°, 51%, 29%
HSV	51°, 67%, 43%
XYZ	11.2107, 12.3661, 3.4651
YIQ	95.1070, 26.7790, -17.2610

Conversions

Conversions Part 2

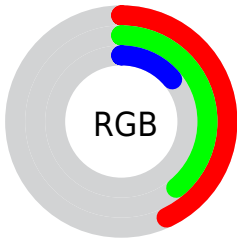
Format	Color
R _Y B	49, 110, 36
Decimal	7234340
CIE Lab	41.79, -3.90, 36.26
CIE LCh	42, 36.471, 96.132
Yxy	12.3661, 0.4146, 0.4573
Android (android.graphics.Color)	4285424420 (0xFF6E6324)
YUV	95.1070, -29.1398, 13.0612
Hunter-Lab	35.1654, -4.6339, 18.7735

Details

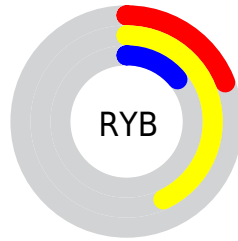
The YUV color **95.1070, -29.1398, 13.0612** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50.8930, 29.1398, -13.0612**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6620, -30.8924, 15.2054**, and **49.0510, -24.1821, 9.6023** is the 20% darker color. If you saturate the color by 10%, you get **92.6790, -33.3657, 15.1905**, and if you desaturate by 10%, it is **97.5350, -24.9138, 10.9318**.

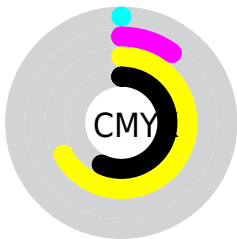
Distribution



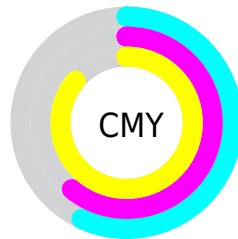
- Red (43%)
- Green (39%)
- Blue (14%)



- Red (19%)
- Yellow (43%)
- Blue (14%)



- Cyan (0%)
- Magenta (10%)
- Yellow (67%)
- Black (57%)



- Cyan (57%)
- Magenta (61%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1070, -29.1398, 13.0612 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 95.1070, -29.1398, 13.0612 by changing the saturation by 10% instead.

95.1070, -29.1398,
13.0612

95.1070, -29.1398,
13.0612

255.0000, 0.0000,
0.0000

70.3950, -29.2817,
11.9316

146.6620,
-30.8924, 15.2054

49.0510, -24.1821,
9.6023

173.1460,
-31.6240, 16.5350

29.2490, -14.4198,
5.0436

200.3310,
-32.2082, 17.2497

5.2830, -2.6045,
-4.6332

229.1030,
-33.0818, 17.4497

0.0000, 0.0000,
0.0000

247.4760,
-28.8287, 6.5985

250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

95.1070, -29.1398,
13.0612

95.1070, -29.1398,
13.0612

92.6790, -33.3657,
15.1905

97.5350, -24.9138,
10.9318

90.8380, -37.8811,
16.8051

99.3760, -20.3984,
9.3172

88.4100, -42.1071,
18.9344

101.8040,
-16.1724, 7.1879

88.0680, -43.4175,
19.2344

104.2320,
-11.9464, 5.0585

106.0730, -7.4310,
3.4440

■ 108.5010, -3.2050,
1.3146

■ 110.3420, 1.3104,
-0.2999

■ 112.7700, 5.5364,
-2.4293

■ 115.1980, 9.7624,
-4.5586

Harmonies

Analogous

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



96.9230, -26.5840, 33.3935



95.1070, -29.1398, 13.0612



91.6030, -21.4963, -11.9298

Triad

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



95.1070, -29.1398, 13.0612



81.4930, 25.3930, -71.4694



101.0810, 10.8061, 34.1320

Complementary

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



95.1070, -29.1398, 13.0612



50.8930, 29.1398, -13.0612

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.



101.0050, 22.6755, 7.0116



95.1070, -29.1398, 13.0612



80.8380, 35.5759, -70.8949

Square

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



95.1070, -29.1398, 13.0612



78.7740, 12.4364, -69.0848



93.1570, 31.9676, -33.4637



99.6130, -2.7672, 47.6974

Rectangle

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



95.1070, -29.1398, 13.0612



88.0010, -11.8325, -31.5729



93.1570, 31.9676, -33.4637



101.4760, 15.0483, 26.7695

Sweetspot

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



95.1070, -29.1398, 13.0612



137.3460, -11.5096, 4.9586



59.3800, -6.1033, 44.3937



67.8880, -6.8468, 2.7292



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



95.1070, -29.1398, 13.0612



119.7970, -45.7489, 20.3490



93.7900, -28.4905, -8.5858



54.7290, -2.3314, 1.1147



95.7540, -47.2067, 21.2637



197.7100, -97.4710, 43.2273

Inverse Universe

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



50.8930, 29.1398, -13.0612



50.2030, 45.7489, -20.3490



52.2100, 28.4905, 8.5858



51.2710, 2.3314, -1.1147



24.2460, 47.2067, -21.2637



49.8770, 97.1816, -43.7421

Previews

White Background



This preview shows how the YUV color 95.1070, -29.1398, 13.0612 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 × Fail

Black Background



This preview shows how the YUV color 95.1070, -29.1398, 13.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

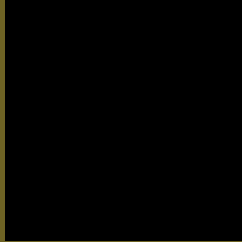
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1070, -29.1398, 13.0612

Background



This preview shows how black text looks on a background with the YUV color 95.1070, -29.1398, 13.0612.



This preview shows how white text looks on a background with the YUV color 95.1070, -29.1398,

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

95.1070, -29.1398, 13.0612

Protanopia

95.1070, -29.1398, 13.0612

Deuteranopia

96.2870, -28.7355, 23.4273



Tritanopia

100.3760, -0.1854, 12.8252

Trichromacy



Original Color

95.1070, -29.1398, 13.0612

Protanomaly

95.1070, -29.1398, 13.0612

Deuteranomaly

95.8520, -29.0140, 19.4238

Tritanomaly

98.3300, -10.5157, 12.8656

Monochromacy



Original Color

95.1070, -29.1398, 13.0612

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6880, -10.1992, 4.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1070, -29.1398, 13.0612 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(110, 99, 36)` looks like.

```
.text, #text, p{  
    color:rgb(110, 99, 36)  
}
```

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(110, 99, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 99, 36) }
```

Border

The CSS property to change the border of an element to YUV 95.1070, -29.1398, 13.0612 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(110, 99, 36) }
```


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

```
.border{ border-color:rgb(110, 99, 36) }
```

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

Here you see how a box with a 4 pixel rgb(110, 99, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 99, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 99, 36);  
box-shadow:4px 4px 4px 4px rgb(110, 99,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 95.1070, -29.1398, 13.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 99, 36) }
```

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

```
.background{ background-color: rgb(110, 99,  
36) }
```

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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