

Converting Colors

YUV(54.9040, -11.2917,
-18.3328)

Have a look what the booklet for
YUV(54.9040, -11.2917, -18.3328)
contains.

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Color

**YUV(54.9040, -11.2917,
-18.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	224620
RGB	34, 70, 32
RGB Percent	13%, 27%, 13%
CMY	0.8667, 0.7255, 0.8745
CMYK	0.51, 0.00, 0.54, 0.73
HSL	117°, 37%, 20%
HSV	117°, 54%, 27%
XYZ	3.1106, 4.8247, 2.1338
YIQ	54.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

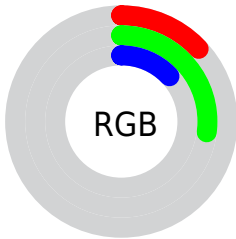
Format	Color
RYB	32, 70, 68
Decimal	2246176
CIELab	26.23, -22.09, 18.89
CIELCh	26, 29.064, 139.469
Yxy	4.8247, 0.3089, 0.4792
Android (android.graphics.Color)	4280436256 (0xFF224620)
YUV	54.9040, -11.2917, -18.3328
Hunter-Lab	21.9652, -13.1611, 9.6159

Details

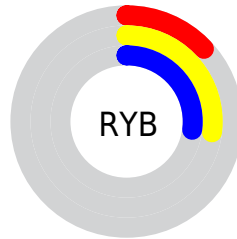
The YUV color **54.9040, -11.2917, -18.3328** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **47.0960, 11.2917, 18.3328**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8500, -12.7440, -19.1624**, and **16.4360, -8.1029, -14.4144** is the 20% darker color. If you saturate the color by 10%, you get **52.0130, -13.3174, -21.9364**, and if you desaturate by 10%, it is **57.7950, -9.2659, -14.7292**.

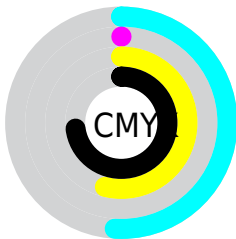
Distribution



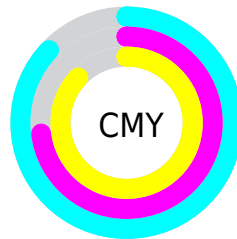
- Red (13%)
- Green (27%)
- Blue (13%)



- Red (13%)
- Yellow (27%)
- Blue (27%)



- Cyan (51%)
- Magenta (0%)
- Yellow (54%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.9040, -11.2917, -18.3328 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 54.9040, -11.2917, -18.3328 by changing the saturation by 10% instead.

■ 54.9040, -11.2917,
-18.3328

■ 54.9040, -11.2917,
-18.3328

255.0000, 0.0000,
0.0000

■ 31.7190, -10.7075,
-19.0476

■ 102.8500,
-12.7440, -19.1624

■ 16.4360, -8.1029,
-14.4144

■ 128.3230,
-13.4702, -19.5773

■ 0.0000, 0.0000,
0.0000

■ 154.2090,
-13.9070, -19.4773

■ 181.6820,
-14.6332, -19.8921

■ 209.2690,
-14.9226, -20.4069

■ 237.2690,

-14.9226, -20.4069

■ 248.8330, -6.8197,
-5.9925

■ 54.9040, -11.2917,
-18.3328

■ 54.9040, -11.2917,
-18.3328

■ 52.0130, -13.3174,
-21.9364

■ 57.7950, -9.2659,
-14.7292

■ 49.4210, -15.4906,
-24.9252

■ 60.3870, -7.0928,
-11.7404

■ 46.5300, -17.5163,
-28.5288

■ 63.2780, -5.0671,
-8.1368

■ 43.6390, -19.5420,
-32.1324

■ 66.1690, -3.0413,
-4.5332

■ 42.2860, -20.8470,
-33.5768

■ 68.7610, -0.8682,
-1.5444

■ 71.6520, 1.1576,
2.0592

■ 74.2440, 3.3307,
5.0480

■ 77.1350, 5.3564,
8.6516

■ 80.0260, 7.3822,
12.2552

Harmonies

Analogous

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



58.0330, -20.2293, 1.7251



54.9040, -11.2917, -18.3328



48.3060, 2.3141, -42.3644

Triad

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



54.9040, -11.2917, -18.3328



51.2990, 26.4746, -44.9892



61.6240, -6.2236, 36.2868

Complementary

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



54.9040, -11.2917, -18.3328



47.0960, 11.2917, 18.3328

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.



62.9360, 3.9756, 31.6281



54.9040, -11.2917, -18.3328



61.1400, 21.1300, -10.6468

Square

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



54.9040, -11.2917, -18.3328



52.5070, 20.9490, -46.0486



63.9430, 13.3391, 14.9590



61.3600, -15.9535, 30.3793

Rectangle

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



54.9040, -11.2917, -18.3328



50.7170, 9.0135, -44.4788



63.9430, 13.3391, 14.9590



61.8350, -2.8767, 36.1017

Sweetspot

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



54.9040, -11.2917, -18.3328



86.1040, -4.4883, -7.1072



63.9070, -15.7302, 5.3436



42.5820, -2.7519, -4.0184



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



54.9040, -11.2917, -18.3328



68.1170, -17.8057, -29.0436



56.1300, -4.0081, -21.1620



34.3480, -1.1576, -2.0592



59.6080, -29.3867, -47.8912



136.8370, -67.4606, -109.4820

Inverse Universe

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



47.0960, 11.2917, 18.3328



55.8830, 17.8057, 29.0436



45.8700, 4.0081, 21.1620



33.6520, 1.1576, 2.0592



39.3920, 29.3867, 47.8912



90.1630, 67.4606, 109.4820

Previews

White Background



This preview shows how the YUV color 54.9040, -11.2917, -18.3328 looks on a white background.

Color Contrast Check

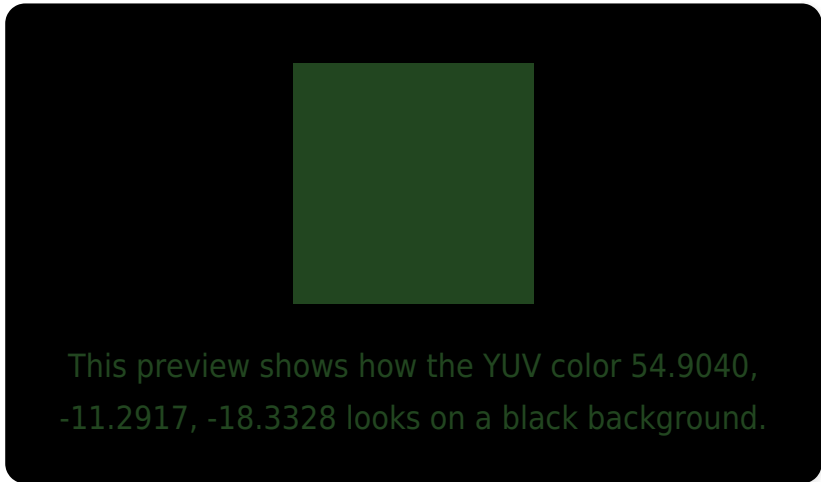
Large Text (above 18pt) WCAG AA ✓ Pass

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

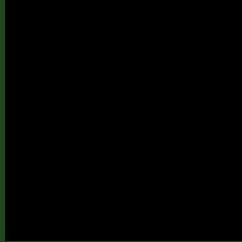
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.9040, -11.2917, -18.3328

Background



This preview shows how black text looks on a background with the YUV color 54.9040, -11.2917, -18.3328.



This preview shows how white text looks on a background with the YUV color 54.9040, -11.2917, -18.3328.

-18.3328.

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

54.9040, -11.2917, -18.3328

Protanopia

60.3310, -15.4462, 7.6027

Deuteranopia

61.3470, -12.9891, 12.8507



Tritanopia

59.3940, 5.7218, -15.2545

Trichromacy



Original Color

54.9040, -11.2917, -18.3328

Protanomaly

58.3190, -13.9613, -2.0338

Deuteranomaly

59.0960, -12.3723, 1.6698

Tritanomaly

57.4880, -0.2406, -16.2140

Monochromacy



Original Color

54.9040, -11.2917, -18.3328

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6310, -3.7621, -6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.9040, -11.2917, -18.3328 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(34, 70, 32)` looks like.

```
.text, #text, p{  
    color:rgb(34, 70, 32)  
}
```

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(34, 70, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 70, 32) }
```

Border

The CSS property to change the border of an element to YUV 54.9040, -11.2917, -18.3328 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(34, 70, 32) }
```


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

```
.border{ border-color:rgb(34, 70, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 70, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 70, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 70, 32);  
box-shadow:4px 4px 4px 4px rgb(34, 70, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.9040, -11.2917, -18.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 70, 32) }
```

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

```
.background{ background-color: rgb(34, 70,  
32) }
```

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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