

Converting Colors

YUV(108.7140, -20.0720,
-48.8612)

Have a look what the booklet for
YUV(108.7140, -20.0720, -48.8612)
contains.

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Color

**YUV(108.7140, -20.0720,
-48.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	359144
RGB	53, 145, 68
RGB Percent	21%, 57%, 27%
CMY	0.7922, 0.4314, 0.7333
CMYK	0.63, 0.00, 0.53, 0.43
HSL	130°, 46%, 39%
HSV	130°, 63%, 57%
XYZ	12.6370, 21.4250, 8.9382
YIQ	108.7140, -30.1150, -43.4510

Conversions

Conversions Part 2

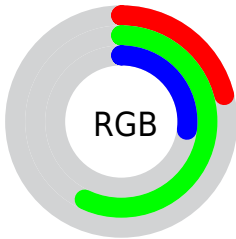
Format	Color
RYB	53, 132, 145
Decimal	3510596
CIELab	53.41, -43.99, 32.75
CIELCh	53, 54.847, 143.332
Yxy	21.4250, 0.2939, 0.4983
Android (android.graphics.Color)	4281700676 (0xFF359144)
YUV	108.7140, -20.0720, -48.8612
Hunter-Lab	46.2872, -32.2698, 20.9519

Details

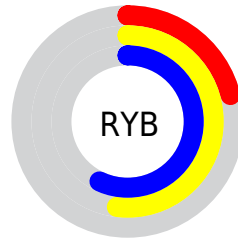
The YUV color **108.7140, -20.0720, -48.8612** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **89.2860, 20.0720, 48.8612**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7420, -22.5508, -47.1317**, and **56.8710, -18.1774, -49.8759** is the 20% darker color. If you saturate the color by 10%, you get **103.1600, -23.2499, -56.2683**, and if you desaturate by 10%, it is **114.5670, -17.0415, -40.8393**.

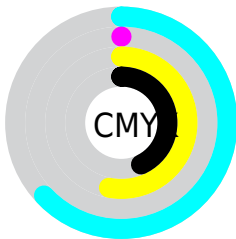
Distribution



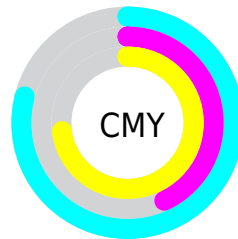
- Red (21%)
- Green (57%)
- Blue (27%)



- Red (21%)
- Yellow (52%)
- Blue (57%)



- Cyan (63%)
- Magenta (0%)
- Yellow (53%)
- Black (43%)



- Cyan (79%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7140, -20.0720, -48.8612 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 108.7140, -20.0720, -48.8612 by changing the saturation by 10% instead.

■ 108.7140,
-20.0720, -48.8612

■ 108.7140,
-20.0720, -48.8612

255.0000, 0.0000,
0.0000

■ 79.9520, -17.7243,
-55.2089

■ 163.7420,
-22.5508, -47.1317

■ 56.8710, -18.1774,
-49.8759

■ 191.5140,
-23.4244, -46.9318

■ 40.5030, -19.9680,
-35.5211

■ 218.8130,
-23.5718, -46.3170

■ 27.0020, -13.3120,
-23.6808

■ 230.3770,
-15.4689, -31.9026

■ 11.7400, -5.7878,
-10.2960

■ 242.2400, -7.5133,
-16.8735

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 108.7140,
-20.0720, -48.8612

■ 108.7140,
-20.0720, -48.8612

■ 103.1600,
-23.2499, -56.2683

■ 114.5670,
-17.0415, -40.8393

■ 97.3070, -26.2804,
-64.2902

■ 120.1210,
-13.8637, -33.4321

■ 91.7530, -29.4582,
-71.6974

■ 125.9740,
-10.8332, -25.4102

■ 87.8510, -31.4785,
-77.0453

■ 131.6420, -7.2185,
-18.1030

■ 137.4950, -4.1880,
-10.0811

■ 143.0490, -1.0102,
-2.6740

■ 148.9020, 2.0203,
5.3479

■ 154.4560, 5.1982,
12.7551

■ 160.3090, 8.2287,
20.7770

Harmonies

Analogous

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



117.9360, -43.3524, -1.6979



108.7140, -20.0720, -48.8612



100.5730, 7.1125, -88.2025

Triad

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



108.7140, -20.0720, -48.8612



105.1400, 57.6120, -92.2078



124.4720, -15.5157, 76.7621

Complementary

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



108.7140, -20.0720, -48.8612



89.2860, 20.0720, 48.8612

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.



126.5740, 6.6190, 70.5336



108.7140, -20.0720, -48.8612



127.2420, 43.2647, -16.8752

Square

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



108.7140, -20.0720, -48.8612



108.8440, 46.4189, -95.4562



131.5280, 26.3617, 38.1249



124.3950, -35.6907, 61.0436

Rectangle

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



108.7140, -20.0720, -48.8612



104.9220, 21.2375, -92.0166



131.5280, 26.3617, 38.1249



124.7200, -8.2430, 77.4216

Sweetspot

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



108.7140, -20.0720, -48.8612



174.8160, -7.7973, -19.1326



130.3260, -38.1217, 0.5911



85.6690, -4.7668, -11.1107



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.



108.7140, -20.0720, -48.8612



132.2640, -31.1892, -76.5305



113.8440, -0.4161, -53.3602



68.2230, -1.5889, -3.7036



81.7530, -29.4582, -71.6974



4.8100, -1.8783, -4.2184

Inverse Universe

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



89.2860, 20.0720, 48.8612



101.7360, 31.1892, 76.5305



84.1560, 0.4161, 53.3602



66.7770, 1.5889, 3.7036



53.2470, 29.4582, 71.6974



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 108.7140, -20.0720, -48.8612 looks on a white 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

Black Background



This preview shows how the YUV color 108.7140, -20.0720, -48.8612 looks on a black 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

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

YUV 108.7140, -20.0720, -48.8612 Background



This preview shows how black text looks on a background with the YUV color 108.7140, -20.0720, -48.8612.



This preview shows how white text looks on a background with the YUV color 108.7140, -20.0720, -48.8612.

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

108.7140, -20.0720, -48.8612

Protanopia

123.4770, -30.3082, 14.4907

Deuteranopia

125.5090, -25.3939, 24.9866



Tritanopia

119.0150, 13.7966, -38.6012

Trichromacy



Original Color

108.7140, -20.0720, -48.8612

Protanomaly

118.2460, -26.7433, -8.9857

Deuteranomaly

119.5010, -23.4180, -2.1934

Tritanomaly

115.0780, 1.4405, -42.1644

Monochromacy



Original Color

108.7140, -20.0720, -48.8612

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9410, -7.3659, -17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7140, -20.0720, -48.8612 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(53, 145, 68)` looks like.

```
.text, #text, p{  
    color:rgb(53, 145, 68)  
}
```

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(53, 145, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 145, 68) }
```

Border

The CSS property to change the border of an element to YUV 108.7140, -20.0720, -48.8612 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(53, 145, 68) }
```


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

```
.border{ border-color:rgb(53, 145, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 145, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 145, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 145, 68);  
box-shadow:4px 4px 4px 4px rgb(53, 145,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 108.7140, -20.0720, -48.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 145, 68) }
```

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

```
.background{ background-color: rgb(53, 145,  
68) }
```

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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