

Converting Colors

YUV(104.7960, -21.0984,
-46.3021)

Have a look what the booklet for
YUV(104.7960, -21.0984, -46.3021)
contains.

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Color

**YUV(104.7960, -21.0984,
-46.3021)**

Conversions

Conversions Part 1

Format	Color
Hex	348C3E
RGB	52, 140, 62
RGB Percent	20%, 55%, 24%
CMY	0.7961, 0.4510, 0.7569
CMYK	0.63, 0.00, 0.56, 0.45
HSL	127°, 46%, 38%
HSV	127°, 63%, 55%
XYZ	11.6638, 19.8340, 7.7710
YIQ	104.7960, -27.4100, -42.9140

Conversions

Conversions Part 2

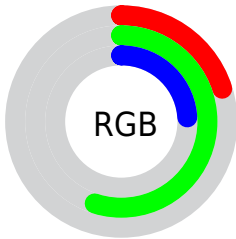
Format	Color
RYB	52, 131, 140
Decimal	3443774
CIELab	51.65, -43.12, 33.68
CIELCh	52, 54.714, 142.013
Yxy	19.8340, 0.2970, 0.5051
Android (android.graphics.Color)	4281633854 (0xFF348C3E)
YUV	104.7960, -21.0984, -46.3021
Hunter-Lab	44.5354, -31.1881, 20.8292

Details

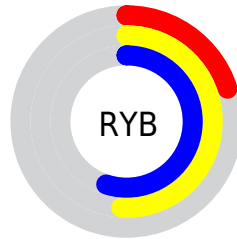
The YUV color **104.7960, -21.0984, -46.3021** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87.2040, 21.0984, 46.3021**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9380, -23.1404, -44.6726**, and **53.7250, -20.0774, -47.1168** is the 20% darker color. If you saturate the color by 10%, you get **99.2420, -24.2763, -53.7092**, and if you desaturate by 10%, it is **110.3500, -17.9205, -38.8949**.

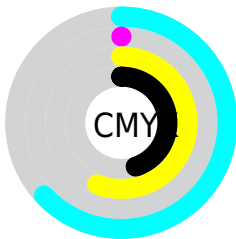
Distribution



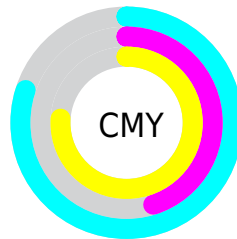
- Red (20%)
- Green (55%)
- Blue (24%)



- Red (20%)
- Yellow (51%)
- Blue (55%)



- Cyan (63%)
- Magenta (0%)
- Yellow (56%)
- Black (45%)



- Cyan (80%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7960, -21.0984, -46.3021 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 104.7960, -21.0984, -46.3021 by changing the saturation by 10% instead.

■ 104.7960,
-21.0984, -46.3021

■ 104.7960,
-21.0984, -46.3021

■ 255.0000, 0.0000,
0.0000

■ 76.3330, -18.8982,
-52.0350

■ 158.9380,
-23.1404, -44.6726

■ 53.7250, -20.0774,
-47.1168

■ 187.2970,
-24.3034, -44.9875

■ 37.5680, -18.5210,
-32.9471

■ 215.6560,
-25.4664, -45.3023

■ 25.2410, -12.4438,
-22.1364

■ 228.9810,
-18.2316, -32.4323

■ 6.4570, -3.1833,
-5.6628

■ 240.8440,
-10.2761, -17.4032

■ 0.0000, 0.0000,
0.0000

■ 253.1200, -2.0312,

-1.8592

■ 104.7960,
-21.0984, -46.3021

■ 104.7960,
-21.0984, -46.3021

■ 99.2420, -24.2763,
-53.7092

■ 110.3500,
-17.9205, -38.8949

■ 93.5740, -27.8910,
-61.0164

■ 116.0180,
-14.3059, -31.5878

■ 88.0200, -31.0689,
-68.4235

■ 121.5720,
-11.1280, -24.1806

■ 84.0040, -33.5260,
-73.6715

■ 127.2400, -7.5133,
-16.8735

■ 132.7940, -4.3354,
-9.4663

■ 138.3480, -1.1576,
-2.0592

■ 144.0160, 2.4571,
5.2480

■ 149.5700, 5.6350,
12.6551

■ 155.2380, 9.2497,
19.9623

Harmonies

Analogous

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



113.4200, -44.0841, -0.3683



104.7960, -21.0984, -46.3021



96.9540, 5.9387, -85.0287

Triad

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



104.7960, -21.0984, -46.3021



102.1080, 56.1488, -89.5487



119.8140, -14.2053, 76.4621

Complementary

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



104.7960, -21.0984, -46.3021



87.2040, 21.0984, 46.3021

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.



122.2040, 7.7874, 69.1041



104.7960, -21.0984, -46.3021



121.6330, 43.5649, -19.8491

Square

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



104.7960, -21.0984, -46.3021



105.6980, 44.5189, -92.6971



126.3320, 26.9513, 35.6658



119.3350, -34.6752, 61.9732

Rectangle

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



104.7960, -21.0984, -46.3021



101.1890, 19.6268, -88.7428



126.3320, 26.9513, 35.6658



120.0620, -6.9326, 77.1216

Sweetspot

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



104.7960, -21.0984, -46.3021



167.4140, -8.0921, -17.9031



127.2770, -37.1116, 3.2651



83.5550, -5.2036, -11.0107



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.



104.7960, -21.0984, -46.3021



126.6560, -32.3684, -71.6123



109.6980, -2.3161, -50.6011



66.2230, -1.5889, -3.7036



79.7810, -31.9370, -69.9679



3.0490, -1.0102, -2.6740

Inverse Universe

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



87.2040, 21.0984, 46.3021



99.4580, 32.8052, 71.5123



82.3020, 2.3161, 50.6011



64.7770, 1.5889, 3.7036



53.2190, 31.9370, 69.9679



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 104.7960, -21.0984, -46.3021 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 104.7960, -21.0984, -46.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

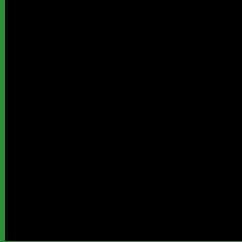
Any Text WCAG AA ✓ Pass

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 104.7960, -21.0984, -46.3021 Background



This preview shows how black text looks on a background with the YUV color 104.7960, -21.0984, -46.3021.



This preview shows how white text looks on a background with the YUV color 104.7960, -21.0984, -46.3021.

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

104.7960, -21.0984, -46.3021

Protanopia

118.6620, -30.8924, 15.2054

Deuteranopia

120.9820, -26.1201, 24.5718



Tritanopia

115.4990, 13.0650, -37.2716

Trichromacy



Original Color

104.7960, -21.0984, -46.3021

Protanomaly

113.7300, -27.4749, -7.6562

Deuteranomaly

114.9850, -24.1496, -0.8638

Tritanomaly

111.5620, 0.7089, -40.8349

Monochromacy



Original Color

104.7960, -21.0984, -46.3021

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1260, -7.9501, -16.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7960, -21.0984, -46.3021 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(52, 140, 62)` looks like.

```
.text, #text, p{  
    color:rgb(52, 140, 62)  
}
```

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(52, 140, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 140, 62) }
```

Border

The CSS property to change the border of an element to YUV 104.7960, -21.0984, -46.3021 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(52, 140, 62) }
```


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

```
.border{ border-color:rgb(52, 140, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 140, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 140, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 140, 62);  
box-shadow:4px 4px 4px 4px rgb(52, 140,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 104.7960, -21.0984, -46.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 140, 62) }
```

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

```
.background{ background-color: rgb(52, 140,  
62) }
```

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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