

Converting Colors

YUV(103.0260, -39.9458,
-21.0708)

Have a look what the booklet for
YUV(103.0260, -39.9458, -21.0708)
contains.

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Color

**YUV(103.0260, -39.9458,
-21.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8316
RGB	79, 131, 22
RGB Percent	31%, 51%, 9%
CMY	0.6902, 0.4863, 0.9137
CMYK	0.40, 0.00, 0.83, 0.49
HSL	89°, 71%, 30%
HSV	89°, 83%, 51%
XYZ	11.4856, 17.9528, 3.6189
YIQ	103.0260, 3.9970, -44.9230

Conversions

Conversions Part 2

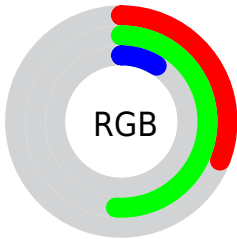
Format	Color
RYB	22, 131, 74
Decimal	5210902
CIELab	49.44, -34.87, 48.52
CIELCh	49, 59.750, 125.701
Yxy	17.9528, 0.3474, 0.5431
Android (android.graphics.Color)	4283400982 (0xFF4F8316)
YUV	103.0260, -39.9458, -21.0708
Hunter-Lab	42.3707, -25.7622, 24.5955

Details

The YUV color **103.0260, -39.9458, -21.0708** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **49.9740, 39.9458, 21.0708**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4390, -39.6564, -20.5560**, and **55.0220, -27.1258, -26.3293** is the 20% darker color. If you saturate the color by 10%, you get **99.7500, -44.7397, -23.4597**, and if you desaturate by 10%, it is **106.3020, -35.1519, -18.6819**.

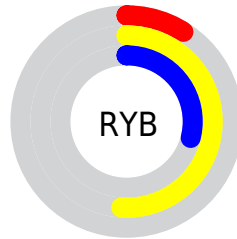
Distribution



Red (31%)

Green (51%)

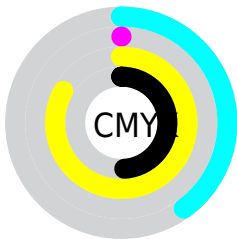
Blue (9%)



Red (9%)

Yellow (51%)

Blue (29%)

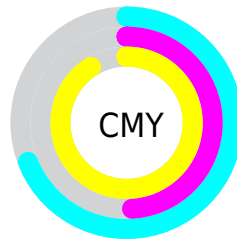


Cyan (40%)

Magenta (0%)

Yellow (83%)

Black (49%)



Cyan (69%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0260, -39.9458, -21.0708 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 103.0260, -39.9458, -21.0708 by changing the saturation by 10% instead.

■ 103.0260,
-39.9458, -21.0708

■ 103.0260,
-39.9458, -21.0708

255.0000, 0.0000,
0.0000

■ 77.7700, -38.3406,
-22.6003

■ 156.4390,
-39.6564, -20.5560

■ 55.0220, -27.1258,
-26.3293

■ 183.9120,
-40.3826, -20.9708

■ 33.4590, -16.4953,
-29.3435

■ 212.3850,
-41.1088, -21.3856

■ 21.7190, -10.7075,
-19.0476

■ 232.3520,
-37.6415, -13.4637

■ 0.0000, 0.0000,
0.0000

■ 244.1010,
-30.1228, 1.6654

■ 250.0980,

-18.7823, 4.2991

253.4040, -6.1152,
1.3997

103.0260,
-39.9458, -21.0708

103.0260,
-39.9458, -21.0708

99.7500, -44.7397,
-23.4597

106.3020,
-35.1519, -18.6819

97.5280, -48.0813,
-25.0191

109.5780,
-30.3580, -16.2929

113.1530,
-25.7114, -13.2892

116.4290,
-20.9175, -10.9002

119.8190,
-15.6868, -8.6113

■ 123.0950,
-10.8928, -6.2223

■ 126.6700, -6.2463,
-3.2186

■ 129.9460, -1.4524,
-0.8296

■ 133.2220, 3.3416,
1.5593

Harmonies

Analogous

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



108.7340, -53.6059, 20.4043



103.0260, -39.9458, -21.0708



89.3280, -8.0497, -78.3407

Triad

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



103.0260, -39.9458, -21.0708



102.5980, 52.9492, -89.9784



111.4140, -0.6971, 83.8289

Complementary

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



103.0260, -39.9458, -21.0708



49.9740, 39.9458, 21.0708

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.



117.5800, 20.9131, 59.1273



103.0260, -39.9458, -21.0708



95.9930, 60.6425, -84.1859

Square

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



103.0260, -39.9458, -21.0708



102.2440, 36.3617, -89.6680



119.8970, 39.9838, 8.8603



112.2520, -25.2672, 77.8320

Rectangle

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



103.0260, -39.9458, -21.0708



94.4920, 6.6594, -82.8695



119.8970, 39.9838, 8.8603



113.3300, 6.7393, 78.6406

Sweetspot

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



103.0260, -39.9458, -21.0708



159.8190, -15.6868, -8.6113



84.5280, -30.8263, 40.7559



80.1490, -9.4405, -5.3927



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



103.0260, -39.9458, -21.0708



126.9880, -62.6051, -33.3155



87.1790, -32.1332, -53.6540



64.4190, -2.1786, -1.2445



96.6420, -47.6445, -25.1190



2.0600, -1.0156, -0.9296

Inverse Universe

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



49.9740, 39.9458, 21.0708



44.0120, 62.6051, 33.3155



65.8210, 32.1332, 53.6540



61.5810, 2.1786, 1.2445



33.3580, 47.6445, 25.1190



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 103.0260, -39.9458, -21.0708 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 103.0260, -39.9458, -21.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

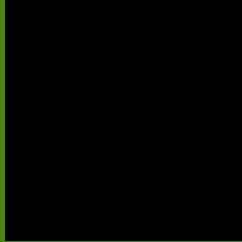
Any Text WCAG AA ✓ Pass

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 103.0260, -39.9458, -21.0708 Background



This preview shows how black text looks on a background with the YUV color 103.0260, -39.9458, -21.0708.



This preview shows how white text looks on a background with the YUV color 103.0260, -39.9458, -21.0708.

-21.0708.

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

103.0260, -39.9458, -21.0708

Protanopia

110.1990, -45.4541, 19.1195

Deuteranopia

112.8720, -39.3769, 29.9303



Tritanopia

114.4690, 8.6428, -18.8283

Trichromacy



Original Color

103.0260, -39.9458, -21.0708

Protanomaly

107.5670, -43.6635, 4.7647

Deuteranomaly

109.0500, -39.4646, 11.3572

Tritanomaly

110.1750, -8.9603, -19.4475

Monochromacy



Original Color

103.0260, -39.9458, -21.0708

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.8730, -14.2344, -7.7816

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0260, -39.9458, -21.0708 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(79, 131, 22)` looks like.

```
.text, #text, p{  
    color:rgb(79, 131, 22)  
}
```

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(79, 131, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 131, 22) }
```

Border

The CSS property to change the border of an element to YUV 103.0260, -39.9458, -21.0708 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(79, 131, 22) }
```


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

```
.border{ border-color:rgb(79, 131, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 131, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 131, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 131, 22);  
box-shadow:4px 4px 4px 4px rgb(79, 131,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 103.0260, -39.9458, -21.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 131, 22) }
```

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

```
.background{ background-color: rgb(79, 131,  
22) }
```

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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