

Converting Colors

YUV(89.0160, 42.3901,
-63.1580)

Have a look what the booklet for
YUV(89.0160, 42.3901, -63.1580)
contains.

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Color

**YUV(89.0160, 42.3901,
-63.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	116DAF
RGB	17, 109, 175
RGB Percent	7%, 43%, 69%
CMY	0.9333, 0.5725, 0.3137
CMYK	0.90, 0.38, 0.00, 0.31
HSL	205°, 82%, 38%
HSV	205°, 90%, 69%
XYZ	13.4377, 14.1516, 42.5807
YIQ	89.0160, -76.0180, 1.0220

Conversions

Conversions Part 2

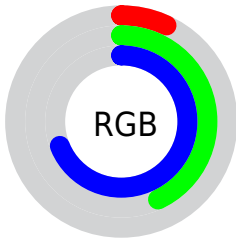
Format	Color
R_{YB}	17, 75, 175
Decimal	1142191
CIE _{Lab}	44.45, -0.08, -42.03
CIE _{LCh}	44, 42.033, 269.886
Yxy	14.1516, 0.1915, 0.2017
Android (android.graphics.Color)	4279332271 (0xFF116DAF)
YUV	89.0160, 42.3901, -63.1580
Hunter-Lab	37.6186, -2.0709, -40.7777

Details

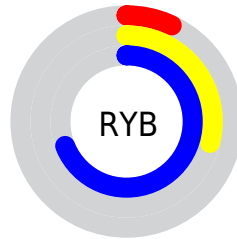
The YUV color **89.0160, 42.3901, -63.1580** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **102.9840, -42.3901, 63.1580**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6590, 40.5941, -47.0589**, and **50.3020, 35.3471, -44.1149** is the 20% darker color. If you saturate the color by 10%, you get **79.8240, 46.9218, -70.0056**, and if you desaturate by 10%, it is **98.2080, 37.8585, -56.3104**.

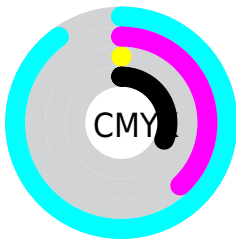
Distribution



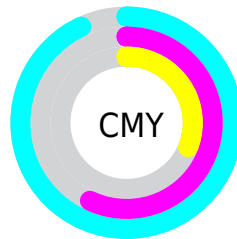
- Red (7%)
- Green (43%)
- Blue (69%)



- Red (7%)
- Yellow (29%)
- Blue (69%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0160, 42.3901, -63.1580 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 89.0160, 42.3901, -63.1580 by changing the saturation by 10% instead.

■ 89.0160, 42.3901,
-63.1580

■ 89.0160, 42.3901,
-63.1580

■ 255.0000, 0.0000,
0.0000

■ 66.7670, 40.0479,
-58.5547

■ 148.6590, 40.5941,
-47.0589

■ 50.3020, 35.3471,
-44.1149

■ 176.2140, 38.8415,
-44.9147

■ 35.1250, 30.5044,
-30.8046

■ 201.3210, 26.4637,
-41.5005

■ 20.5350, 25.3722,
-18.0092

■ 226.7270, 13.9386,
-37.4716

■ 7.9340, 20.2455,
-6.9581

■ 242.7410, 6.0437,
-25.2059

■ 3.7790, 11.9410,
-3.3142

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 89.0160, 42.3901,
-63.1580

■ 89.0160, 42.3901,
-63.1580

■ 79.8240, 46.9218,
-70.0056

■ 98.2080, 37.8585,
-56.3104

■ 108.2860, 32.8900,
-49.3628

■ 117.7770, 28.2109,
-41.9004

■ 126.9690, 23.6793,
-35.0528

■ 137.0470, 18.7108,
-28.1052

■ 146.2390, 14.1792,
-21.2576

■ 155.4310, 9.6475,
-14.4100

■ 164.9220, 4.9685,
-6.9476

■ 175.0000, 0.0000,
0.0000

Harmonies

Analogous

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



88.0760, 37.9235, -77.2427



89.0160, 42.3901, -63.1580



106.9700, 29.1018, -0.8507

Triad

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



89.0160, 42.3901, -63.1580



103.9270, -15.7400, 55.3150



89.5650, -10.6315, -43.4685

Complementary

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



89.0160, 42.3901, -63.1580



102.9840, -42.3901, 63.1580

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.



97.6160, -27.9117, -7.5562



89.0160, 42.3901, -63.1580



103.2940, -29.2319, 42.7152

Square

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



89.0160, 42.3901, -63.1580



105.5690, 0.7055, 53.8750



100.9570, -34.9818, 20.2087



83.4700, 10.1213, -73.2032

Rectangle

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



89.0160, 42.3901, -63.1580



108.3600, 21.0215, 24.2403



100.9570, -34.9818, 20.2087



93.8180, -17.6583, -29.6584

Sweetspot

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



89.0160, 42.3901, -63.1580



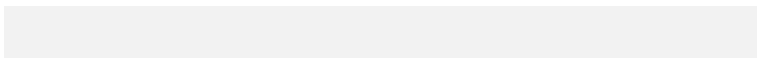
193.4990, 16.5160, -24.1166



117.2700, -16.8951, -87.9368



94.5450, 10.0843, -14.5100



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



89.0160, 42.3901, -63.1580



103.3620, 60.9535, -90.6485



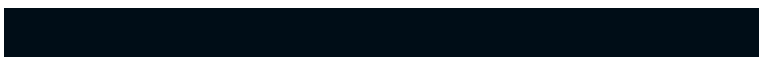
42.6430, 65.2520, -22.4889



81.9610, 2.4842, -3.4738



68.7560, 40.0533, -60.2990



10.2530, 6.2843, -8.9919

Inverse Universe

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



74.7300, 16.8951, 87.9368



82.9210, 24.1959, 126.3573



149.3570, -65.2520, 22.4889



81.2610, 0.8573, 5.0331



54.8820, 16.3272, 83.4185



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 89.0160, 42.3901, -63.1580 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 89.0160, 42.3901, -63.1580 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 89.0160, 42.3901, -63.1580

Background



This preview shows how black text looks on a background with the YUV color 89.0160, 42.3901, -63.1580.



This preview shows how white text looks on a background with the YUV color 89.0160, 42.3901,

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

89.0160, 42.3901, -63.1580

Protanopia

102.7610, 32.6558, -20.8384

Deuteranopia

98.7310, 38.0936, -38.3521



Tritanopia

82.3420, 21.0304, -72.2139

Trichromacy



Original Color

89.0160, 42.3901, -63.1580

Protanomaly

97.8730, 36.0516, -36.7226

Deuteranomaly

95.1320, 39.8679, -47.4738

Tritanomaly

84.4270, 28.8765, -68.7805

Monochromacy



Original Color

89.0160, 42.3901, -63.1580

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8690, 15.3476, -22.6871

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0160, 42.3901, -63.1580 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(17, 109, 175)` looks like.

```
.text, #text, p{  
    color:rgb(17, 109, 175)  
}
```

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(17, 109, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 109, 175) }
```

Border

The CSS property to change the border of an element to YUV 89.0160, 42.3901, -63.1580 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(17, 109, 175) }
```


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

```
.border{ border-color:rgb(17, 109, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 109, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 109, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 109, 175);  
box-shadow:4px 4px 4px 4px rgb(17, 109,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 89.0160, 42.3901, -63.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 109, 175) }
```

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

```
.background{ background-color: rgb(17, 109,  
175) }
```

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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