

Converting Colors

YUV(88.1550, 34.9266,
-49.2479)

Have a look what the booklet for
YUV(88.1550, 34.9266, -49.2479)
contains.

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Color

**YUV(88.1550, 34.9266,
-49.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	20679F
RGB	32, 103, 159
RGB Percent	13%, 40%, 62%
CMY	0.8745, 0.5961, 0.3765
CMYK	0.80, 0.35, 0.00, 0.38
HSL	206°, 66%, 37%
HSV	206°, 80%, 62%
XYZ	11.7039, 12.5108, 34.5988
YIQ	88.1550, -60.2920, 2.3640

Conversions

Conversions Part 2

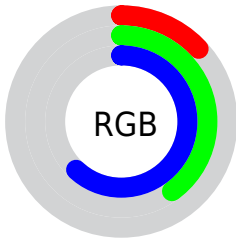
Format	Color
R_{YB}	32, 78, 159
Decimal	2123679
CIE _{Lab}	42.02, -1.32, -36.45
CIE _{LCh}	42, 36.474, 267.927
Yxy	12.5108, 0.1990, 0.2127
Android (android.graphics.Color)	4280313759 (0xFF20679F)
YUV	88.1550, 34.9266, -49.2479
Hunter-Lab	35.3706, -2.8339, -33.2370

Details

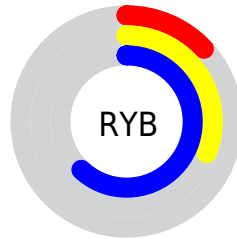
The YUV color **88.1550, 34.9266, -49.2479** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **102.8450, -34.9266, 49.2479**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7970, 34.6101, -41.0410**, and **45.6570, 30.2421, -40.0412** is the 20% darker color. If you saturate the color by 10%, you get **79.2620, 39.3108, -55.4808**, and if you desaturate by 10%, it is **97.0480, 30.5423, -43.0151**.

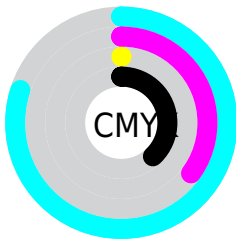
Distribution



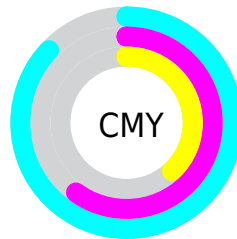
- Red (13%)
- Green (40%)
- Blue (62%)



- Red (13%)
- Yellow (31%)
- Blue (62%)



- Cyan (80%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1550, 34.9266, -49.2479 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 88.1550, 34.9266, -49.2479 by changing the saturation by 10% instead.

■ 88.1550, 34.9266,
-49.2479

■ 88.1550, 34.9266,
-49.2479

■ 255.0000, 0.0000,
0.0000

■ 61.5350, 35.2322,
-53.9662

■ 143.7970, 34.6101,
-41.0410

■ 45.6570, 30.2421,
-40.0412

■ 171.0360, 35.4783,
-39.4966

■ 30.4800, 25.3994,
-26.7310

■ 197.2120, 28.4895,
-37.8969

■ 14.3570, 22.0090,
-12.5911

■ 222.3190, 16.1117,
-34.4828

■ 5.3920, 15.5827,
-4.7288

■ 242.4420, 6.1911,
-25.8206

■ 2.0690, 5.3890,
-1.8145

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 88.1550, 34.9266,
-49.2479

■ 88.1550, 34.9266,
-49.2479

■ 79.2620, 39.3108,
-55.4808

■ 97.0480, 30.5423,
-43.0151

■ 70.3690, 43.6951,
-61.7136

■ 105.9410, 26.1581,
-36.7823

■ 114.8340, 21.7738,
-30.5494

■ 123.7270, 17.3896,
-24.3166

■ 132.6200, 13.0053,
-18.0837

■ 141.2140, 8.7685,
-12.4657

■ 150.1070, 4.3842,
-6.2328

■ 159.0000, 0.0000,
0.0000

■ 167.8930, -4.3842,
6.2328

Harmonies

Analogous

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



81.5560, 33.2499, -71.5246



88.1550, 34.9266, -49.2479



100.3350, 25.4708, -2.9248

Triad

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



88.1550, 34.9266, -49.2479



98.9800, -12.8081, 48.2525



87.6310, -10.6641, -33.0024

Complementary

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



88.1550, 34.9266, -49.2479



102.8450, -34.9266, 49.2479

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.



93.5500, -24.4281, -4.8673



88.1550, 34.9266, -49.2479



98.2270, -24.2689, 37.5119

Square

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



88.1550, 34.9266, -49.2479



100.2260, 0.8746, 46.2828



96.4390, -29.3034, 18.9090



77.8620, 8.9420, -68.2850

Rectangle

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



88.1550, 34.9266, -49.2479



102.3440, 18.5644, 18.9923



96.4390, -29.3034, 18.9090



90.2040, -16.3696, -22.9809

Sweetspot

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



88.1550, 34.9266, -49.2479



179.1360, 13.7370, -19.4133



112.8190, -12.7288, -70.8783



87.5130, 8.6211, -11.8509



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



88.1550, 34.9266, -49.2479



95.8430, 54.8004, -77.0383



51.1740, 53.1582, -16.8156



74.8470, 2.0474, -3.3738



63.2620, 39.3108, -55.4808



6.9930, 3.9475, -6.1329

Inverse Universe

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



78.0670, 12.2920, 70.9782



80.1550, 19.1506, 111.2431



139.8260, -53.1582, 16.8156



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 88.1550, 34.9266, -49.2479 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 88.1550, 34.9266, -49.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

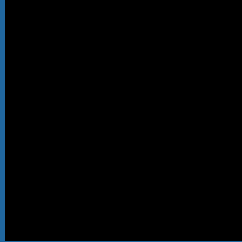
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1550, 34.9266, -49.2479

Background



This preview shows how black text looks on a background with the YUV color 88.1550, 34.9266, -49.2479.



This preview shows how white text looks on a background with the YUV color 88.1550, 34.9266, -49.2479.

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

88.1550, 34.9266, -49.2479

Protanopia

97.8170, 27.6982, -17.3795

Deuteranopia

94.8910, 32.0987, -28.8454



Tritanopia

78.0220, 19.7092, -68.4253

Trichromacy



Original Color

88.1550, 34.9266, -49.2479

Protanomaly

94.1360, 30.4990, -29.0603

Deuteranomaly

92.1890, 33.4308, -36.1228

Tritanomaly

81.5590, 25.3604, -61.0032

Monochromacy



Original Color

88.1550, 34.9266, -49.2479

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9190, 12.8579, -17.4690

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1550, 34.9266, -49.2479 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(32, 103, 159)` looks like.

```
.text, #text, p{  
    color:rgb(32, 103, 159)  
}
```

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(32, 103, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 103, 159) }
```

Border

The CSS property to change the border of an element to YUV 88.1550, 34.9266, -49.2479 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(32, 103, 159) }
```


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

```
.border{ border-color:rgb(32, 103, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 103, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 103, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 103, 159);  
box-shadow:4px 4px 4px 4px rgb(32, 103,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 88.1550, 34.9266, -49.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 103, 159) }
```

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

```
.background{ background-color: rgb(32, 103,  
159) }
```

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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