

Converting Colors

YUV(79.2200, 39.8245,
-33.5189)

Have a look what the booklet for
YUV(79.2200, 39.8245, -33.5189)
contains.

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Color

**YUV(79.2200, 39.8245,
-33.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	2953A0
RGB	41, 83, 160
RGB Percent	16%, 33%, 63%
CMY	0.8392, 0.6745, 0.3725
CMYK	0.74, 0.48, 0.00, 0.37
HSL	219°, 59%, 39%
HSV	219°, 74%, 63%
XYZ	10.3529, 9.1960, 34.4871
YIQ	79.2200, -49.7490, 15.0430

Conversions

Conversions Part 2

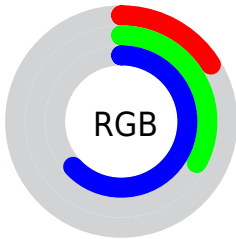
Format	Color
R_{YB}	41, 72, 160
Decimal	2708384
CIE Lab	36.36, 13.10, -46.06
CIE LCh	36, 47.884, 285.880
Yxy	9.1960, 0.1916, 0.1702
Android (android.graphics.Color)	4280898464 (0xFF2953A0)
YUV	79.2200, 39.8245, -33.5189
Hunter-Lab	30.3249, 7.8710, -46.2002

Details

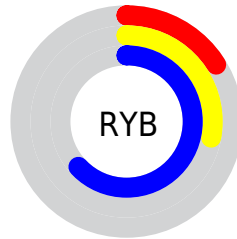
The YUV color **79.2200, 39.8245, -33.5189** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **121.7800, -39.8245, 33.5189**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7910, 40.5290, -26.1267**, and **35.2050, 35.8879, -30.8748** is the 20% darker color. If you saturate the color by 10%, you get **68.5660, 45.0770, -38.2074**, and if you desaturate by 10%, it is **89.8740, 34.5721, -28.8305**.

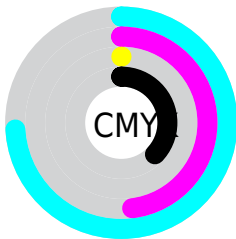
Distribution



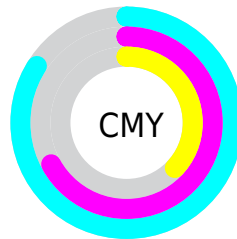
- Red (16%)
- Green (33%)
- Blue (63%)



- Red (16%)
- Yellow (28%)
- Blue (63%)



- Cyan (74%)
- Magenta (48%)
- Yellow (0%)
- Black (37%)



- Cyan (84%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.2200, 39.8245, -33.5189 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 79.2200, 39.8245, -33.5189 by changing the saturation by 10% instead.

■ 79.2200, 39.8245,
-33.5189

■ 79.2200, 39.8245,
-33.5189

■ 255.0000, 0.0000,
0.0000

■ 50.3820, 40.7307,
-44.1850

■ 132.7910, 40.5290,
-26.1267

■ 35.2050, 35.8879,
-30.8748

■ 159.7310, 41.5446,
-25.1971

■ 21.2020, 30.4664,
-18.5942

■ 185.5050, 34.2610,
-22.3679

■ 10.2480, 24.0347,
-8.9875

■ 210.0250, 22.1727,
-18.4389

■ 5.3920, 15.5827,
-4.7288

■ 235.7190, 9.5055,
-15.5396

■ 2.0690, 5.3890,
-1.8145

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 79.2200, 39.8245,
-33.5189

■ 79.2200, 39.8245,
-33.5189

■ 68.5660, 45.0770,
-38.2074

■ 89.8740, 34.5721,
-28.8305

■ 57.3250, 50.6188,
-42.3810

■ 101.1150, 29.0303,
-24.6569

■ 51.1120, 53.6818,
-44.8252

■ 111.7690, 23.7779,
-19.9684

■ 122.4230, 18.5255,
-15.2800

■ 133.6640, 12.9836,
-11.1063

■ 144.3180, 7.7312,
-6.4179

■ 154.9720, 2.4788,
-1.7294

■ 166.2130, -3.0630,
2.4442

■ 176.8670, -8.3154,
7.1326

Harmonies

Analogous

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



74.0050, 42.3955, -64.9024



79.2200, 39.8245, -33.5189



87.9020, 25.6843, 22.0109

Triad

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



79.2200, 39.8245, -33.5189



81.5110, -24.9019, 53.9259



67.2840, -1.1260, -59.0081

Complementary

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



79.2200, 39.8245, -33.5189



121.7800, -39.8245, 33.5189

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.



71.6670, -22.0208, -30.4030



79.2200, 39.8245, -33.5189



80.4810, -39.6771, 32.9042

Square

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



79.2200, 39.8245, -33.5189



80.6860, -6.7472, 64.2964



77.9460, -38.4274, 5.3094



72.4310, 16.0565, -63.5220

Rectangle

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



79.2200, 39.8245, -33.5189



85.5260, 16.0097, 45.1427



77.9460, -38.4274, 5.3094



65.2150, -6.5150, -57.1936

Sweetspot

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



79.2200, 39.8245, -33.5189



177.6360, 15.4625, -12.8358



119.4030, -1.6777, -68.7594



86.0620, 9.3364, -7.9474



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.



79.2200, 39.8245, -33.5189



82.9460, 62.1446, -52.5726



59.3500, 49.6205, -2.0610



73.6730, 2.6262, -2.3442



45.6520, 47.9926, -40.0368



4.6450, 5.1050, -4.0737

Inverse Universe

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



81.3690, 0.8041, 68.9594



86.1380, 1.4110, 107.7500



141.6500, -49.6205, 2.0609



73.7340, 0.1311, 4.6183



48.4570, 0.7607, 82.9142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 79.2200, 39.8245, -33.5189 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 ✓ Pass

Black Background



This preview shows how the YUV color 79.2200, 39.8245, -33.5189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

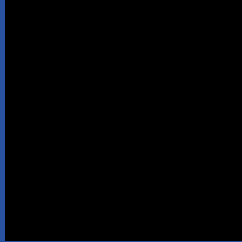
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.2200, 39.8245, -33.5189

Background



This preview shows how black text looks on a background with the YUV color 79.2200, 39.8245, -33.5189.



This preview shows how white text looks on a background with the YUV color 79.2200, 39.8245,

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

79.2200, 39.8245, -33.5189

Protanopia

80.1170, 39.3823, -31.6746

Deuteranopia

68.5110, 41.6531, -60.0841



Tritanopia

67.3930, 17.0613, -59.1037

Trichromacy



Original Color

79.2200, 39.8245, -33.5189

Protanomaly

79.8180, 39.5297, -32.2894

Deuteranomaly

72.7510, 41.0418, -50.6476

Tritanomaly

71.9240, 25.1805, -49.9223

Monochromacy



Original Color

79.2200, 39.8245, -33.5189

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7070, 14.4414, -12.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2200, 39.8245, -33.5189 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(41, 83, 160)` looks like.

```
.text, #text, p{  
    color:rgb(41, 83, 160)  
}
```

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(41, 83, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 83, 160) }
```

Border

The CSS property to change the border of an element to YUV 79.2200, 39.8245, -33.5189 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(41, 83, 160) }
```


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

```
.border{ border-color:rgb(41, 83, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 83, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 83, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 83, 160);  
box-shadow:4px 4px 4px 4px rgb(41, 83,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 79.2200, 39.8245, -33.5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 83, 160) }
```

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

```
.background{ background-color: rgb(41, 83,  
160) }
```

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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