

Converting Colors

YUV(79.1960, 42.7944,
-52.7919)

Have a look what the booklet for
YUV(79.1960, 42.7944, -52.7919)
contains.

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Color

**YUV(79.1960, 42.7944,
-52.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	135DA6
RGB	19, 93, 166
RGB Percent	7%, 36%, 65%
CMY	0.9255, 0.6353, 0.3490
CMYK	0.89, 0.44, 0.00, 0.35
HSL	210°, 79%, 36%
HSV	210°, 89%, 65%
XYZ	11.0658, 10.7203, 37.5624
YIQ	79.1960, -67.5370, 7.0150

Conversions

Conversions Part 2

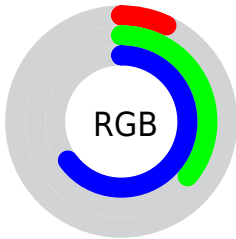
Format	Color
R_{YB}	19, 68, 166
Decimal	1269158
CIE _{Lab}	39.11, 6.62, -45.26
CIE _{LCh}	39, 45.742, 278.327
Yxy	10.7203, 0.1865, 0.1806
Android (android.graphics.Color)	4279459238 (0xFF135DA6)
YUV	79.1960, 42.7944, -52.7919
Hunter-Lab	32.7419, 3.0297, -45.0997

Details

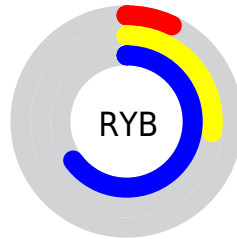
The YUV color **79.1960, 42.7944, -52.7919** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **105.8040, -42.7944, 52.7919**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0560, 41.8774, -38.6371**, and **41.0580, 35.4674, -36.0079** is the 20% darker color. If you saturate the color by 10%, you get **69.4170, 47.6154, -59.1247**, and if you desaturate by 10%, it is **88.9750, 37.9733, -46.4591**.

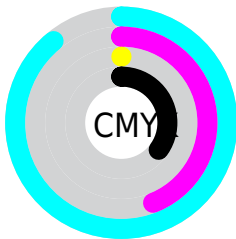
Distribution



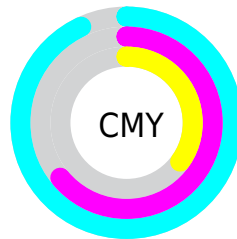
- Red (7%)
- Green (36%)
- Blue (65%)



- Red (7%)
- Yellow (27%)
- Blue (65%)



- Cyan (89%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)



- Cyan (93%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.1960, 42.7944, -52.7919 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 79.1960, 42.7944, -52.7919 by changing the saturation by 10% instead.

■ 79.1960, 42.7944,
-52.7919

■ 79.1960, 42.7944,
-52.7919

■ 255.0000, 0.0000,
0.0000

■ 56.9360, 40.4576,
-49.9329

■ 137.0560, 41.8774,
-38.6371

■ 41.0580, 35.4674,
-36.0079

■ 164.1810, 42.3088,
-36.9927

■ 26.4680, 30.3353,
-23.2124

■ 189.5700, 32.2570,
-32.9489

■ 10.3450, 26.9449,
-9.0726

■ 214.6770, 19.8792,
-29.5347

■ 6.5490, 17.4773,
-5.7435

■ 240.3710, 7.2121,
-26.6354

■ 2.8670, 8.4466,
-2.5144

■ 250.5150, 2.2111,

■ 0.0000, 0.0000,

-9.2217

0.0000

■ 79.1960, 42.7944,
-52.7919

■ 79.1960, 42.7944,
-52.7919

■ 69.4170, 47.6154,
-59.1247

■ 88.9750, 37.9733,
-46.4591

■ 68.2320, 48.1996,
-59.8395

■ 98.4550, 33.2997,
-40.7410

■ 108.8210, 28.1892,
-34.9230

■ 118.3010, 23.5156,
-29.2050

■ 128.0800, 18.6946,
-22.8722

■ 137.8590, 13.8735,
-16.5393

■ 147.9260, 8.9105,
-11.3361

■ 157.7050, 4.0894,
-5.0033

■ 167.1850, -0.5842,
0.7148

Harmonies

Analogous

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



78.8150, 40.5172, -69.1208



79.1960, 42.7944, -52.7919



94.9930, 27.6115, 10.5301

Triad

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



79.1960, 42.7944, -52.7919



89.3740, -20.3974, 55.8000



70.5780, -3.7360, -61.8969

Complementary

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



79.1960, 42.7944, -52.7919



105.8040, -42.7944, 52.7919

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.



81.8920, -26.5688, -18.3223



79.1960, 42.7944, -52.7919



88.4800, -34.7466, 38.1670

Square

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



79.1960, 42.7944, -52.7919



89.2880, -3.1000, 61.1374



85.7190, -40.7805, 13.4014



76.1980, 12.7204, -66.8256

Rectangle

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



79.1960, 42.7944, -52.7919



94.1550, 18.6576, 35.8211



85.7190, -40.7805, 13.4014



71.9230, -10.3150, -51.6755

Sweetspot

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



79.1960, 42.7944, -52.7919



182.3360, 17.0894, -21.3427



113.3830, -11.5278, -82.7739



88.9690, 10.3683, -12.2508



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



79.1960, 42.7944, -52.7919



88.7210, 63.2415, -77.8083



36.9320, 63.6305, -15.7264



79.2600, 2.3368, -2.8590



60.3100, 43.2312, -52.8919



8.1500, 5.8421, -7.1475

Inverse Universe

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



71.3890, 10.6542, 82.9738



77.3090, 15.6237, 122.5090



148.0680, -63.6305, 15.7264



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 79.1960, 42.7944, -52.7919 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 79.1960, 42.7944, -52.7919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

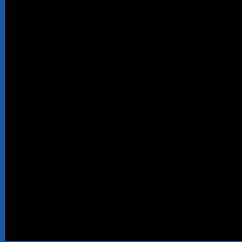
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.1960, 42.7944, -52.7919

Background



This preview shows how black text looks on a background with the YUV color 79.1960, 42.7944, -52.7919.



This preview shows how white text looks on a background with the YUV color 79.1960, 42.7944, -52.7919.

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

79.1960, 42.7944, -52.7919

Protanopia

88.0530, 36.4559, -26.3565

Deuteranopia

73.5150, 45.5951, -64.4727



Tritanopia

72.3000, 18.0931, -63.4071

Trichromacy



Original Color

79.1960, 42.7944, -52.7919

Protanomaly

84.5680, 38.6670, -35.5781

Deuteranomaly

75.6080, 44.5633, -60.1692

Tritanomaly

75.0260, 27.1022, -59.6588

Monochromacy



Original Color

79.1960, 42.7944, -52.7919

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0050, 15.7735, -19.2984

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.1960, 42.7944, -52.7919 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(19, 93, 166)` looks like.

```
.text, #text, p{  
    color:rgb(19, 93, 166)  
}
```

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(19, 93, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 93, 166) }
```

Border

The CSS property to change the border of an element to YUV 79.1960, 42.7944, -52.7919 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(19, 93, 166) }
```


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

```
.border{ border-color:rgb(19, 93, 166) }
```

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

Here you see how a box with a 4 pixel rgb(19, 93, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 93, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 93, 166);  
box-shadow:4px 4px 4px 4px rgb(19, 93,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 79.1960, 42.7944, -52.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 93, 166) }
```

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

```
.background{ background-color: rgb(19, 93,  
166) }
```

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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