

Converting Colors

YUV(159.1640, 14.7091,
-4.5288)

Have a look what the booklet for
YUV(159.1640, 14.7091, -4.5288)
contains.

YUV(159.1640, 14.7091, -4.5288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.1640, 14.7091,
-4.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9CBD
RGB	154, 156, 189
RGB Percent	60%, 61%, 74%
CMY	0.3961, 0.3882, 0.2588
CMYK	0.19, 0.17, 0.00, 0.26
HSL	237°, 21%, 67%
HSV	237°, 19%, 74%
XYZ	34.4002, 34.3211, 52.9557
YIQ	159.1640, -11.7850, 9.8390

Conversions

Conversions Part 2

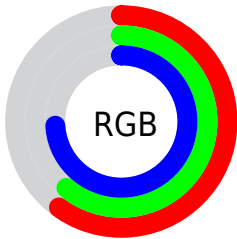
Format	Color
RYB	154, 156, 189
Decimal	10132669
CIELab	65.22, 6.25, -17.25
CIELCh	65, 18.352, 289.917
Yxy	34.3211, 0.2827, 0.2821
Android (android.graphics.Color)	4288322749 (0xFF9A9CBD)
YUV	159.1640, 14.7091, -4.5288
Hunter-Lab	58.5842, 2.2915, -12.5847

Details

The YUV color **159.1640, 14.7091, -4.5288** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **183.8360, -14.7091, 4.5288**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6910, 15.4353, -4.1140**, and **107.6370, 13.9830, -4.9436** is the 20% darker color. If you saturate the color by 10%, you get **142.9170, 22.7189, -6.9432**, and if you desaturate by 10%, it is **175.4110, 6.6994, -2.1144**.

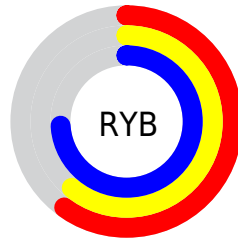
Distribution



Red (60%)

Green (61%)

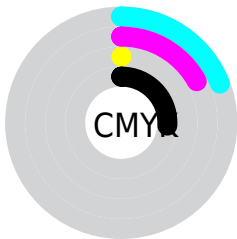
Blue (74%)



Red (60%)

Yellow (61%)

Blue (74%)

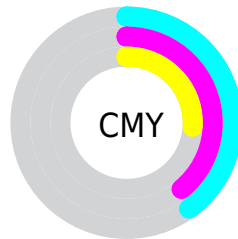


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (26%)



Cyan (40%)

Magenta (39%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1640, 14.7091, -4.5288 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 159.1640, 14.7091, -4.5288 by changing the saturation by 10% instead.

■ 159.1640, 14.7091,
-4.5288

■ 159.1640, 14.7091,
-4.5288

255.0000, 0.0000,
0.0000

■ 133.0500, 14.2724,
-4.4288

■ 213.6910, 15.4353,
-4.1140

■ 107.6370, 13.9830,
-4.9436

■ 240.2260, 7.2836,
-2.8292

■ 83.4090, 13.1094,
-4.7437

■ 60.2950, 12.6726,
-4.6437

■ 37.7680, 11.9464,
-5.0585

■ 16.6540, 11.5096,
-4.9586

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 159.1640, 14.7091,
-4.5288

■ 159.1640, 14.7091,
-4.5288

■ 142.9170, 22.7189,
-6.9432

■ 175.4110, 6.6994,
-2.1144

■ 126.6700, 30.7287,
-9.3576

■ 191.6580, -1.3104,
0.2999

■ 111.0100, 38.4491,
-12.2868

■ 207.3180, -9.0308,
3.2291

■ 94.7630, 46.4588,
-14.7012

■ 223.5650,
-17.0405, 5.6435

■ 78.5160, 54.4686,
-17.1155

■ 239.8120,
-25.0503, 8.0579

■ 62.5680, 62.3310,
-18.9151

■ 247.4760,
-28.8287, 6.5985

■ 46.3210, 70.3407,
-21.3295

■ 30.0740, 78.3505,
-23.7439

■ 28.0030, 79.3715,
-24.5586

Harmonies

Analogous

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



155.6350, 16.9419, -20.7279



159.1640, 14.7091, -4.5288



161.1830, 9.2768, 11.2405

Triad

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



159.1640, 14.7091, -4.5288



159.5380, -12.5902, 24.9612



152.4330, -0.2135, -24.9357

Complementary

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



159.1640, 14.7091, -4.5288



183.8360, -14.7091, 4.5288

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.



154.6320, -8.6926, -11.9553



159.1640, 14.7091, -4.5288



157.9730, -15.7627, 15.8097

Square

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



159.1640, 14.7091, -4.5288



160.8680, -6.3439, 28.1798



156.5260, -14.5563, 2.1697



151.9680, 8.3968, -33.2979

Rectangle

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



159.1640, 14.7091, -4.5288



161.2720, 4.3029, 19.9325



156.5260, -14.5563, 2.1697



153.3580, -3.1345, -21.3620

Sweetspot

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



159.1640, 14.7091, -4.5288



232.2970, 6.2626, -2.0145



178.3070, 4.2856, -21.3172



114.9120, 3.4944, -0.7998



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



159.1640, 14.7091, -4.5288



198.9170, 22.7189, -6.9432



162.4750, 13.0768, 5.7224



86.0260, 3.9312, -0.8998



23.2950, 66.4096, -20.4297



4.7080, 12.9620, -4.1289

Inverse Universe

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



164.6930, -4.2856, 21.3172



207.4880, -6.6496, 32.8980



180.5250, -13.0768, -5.7224



87.6910, -1.3267, 5.5330



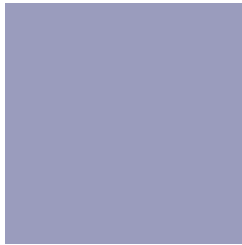
48.2680, -19.3591, 96.2350



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 159.1640, 14.7091, -4.5288 looks on a white 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

Black Background



This preview shows how the YUV color 159.1640, 14.7091, -4.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

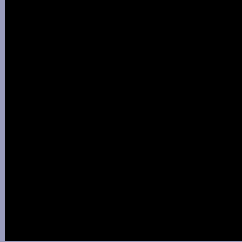
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.1640, 14.7091, -4.5288

Background



This preview shows how black text looks on a background with the YUV color 159.1640, 14.7091, -4.5288.



This preview shows how white text looks on a background with the YUV color 159.1640, 14.7091, -4.5288.

-4.5288.

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

159.1640, 14.7091, -4.5288

Protanopia

158.9680, 15.2988, -6.9879

Deuteranopia

159.7730, 14.4089, -1.5549



Tritanopia

158.0900, 6.8576, -6.2179

Trichromacy



Original Color

159.1640, 14.7091, -4.5288

Protanomaly

159.2670, 15.1514, -6.3732

Deuteranomaly

159.4740, 14.5563, -2.1697

Tritanomaly

158.4860, 9.6204, -5.6882

Monochromacy



Original Color

159.1640, 14.7091, -4.5288

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1640, 14.7091, -4.5288 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(154, 156, 189)` looks like.

```
.text, #text, p{  
    color:rgb(154, 156, 189)  
}
```

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(154, 156, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 156, 189) }
```

Border

The CSS property to change the border of an element to YUV 159.1640, 14.7091, -4.5288 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(154, 156, 189) }
```


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

```
.border{ border-color:rgb(154, 156, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 156, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 156, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 156, 189);  
box-shadow:4px 4px 4px 4px rgb(154, 156,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 159.1640, 14.7091, -4.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 156, 189) }
```

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

```
.background{ background-color: rgb(154,  
156, 189) }
```

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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