

Converting Colors

YUV(149.7640, 17.8643,
-36.6270)

Have a look what the booklet for
YUV(149.7640, 17.8643, -36.6270)
contains.

YUV(149.7640, 17.8643, -36.6270)	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(149.7640, 17.8643,
-36.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA4BA
RGB	108, 164, 186
RGB Percent	42%, 64%, 73%
CMY	0.5765, 0.3569, 0.2706
CMYK	0.42, 0.12, 0.00, 0.27
HSL	197°, 36%, 58%
HSV	197°, 42%, 73%
XYZ	28.3227, 33.2842, 51.3861
YIQ	149.7640, -40.4380, -5.0300

Conversions

Conversions Part 2

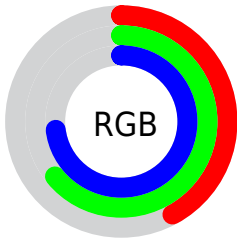
Format	Color
RYB	108, 141, 186
Decimal	7120058
CIELab	64.39, -12.54, -17.11
CIELCh	64, 21.215, 233.751
Yxy	33.2842, 0.2507, 0.2946
Android (android.graphics.Color)	4285310138 (0xFF6CA4BA)
YUV	149.7640, 17.8643, -36.6270
Hunter-Lab	57.6925, -13.3316, -12.4242

Details

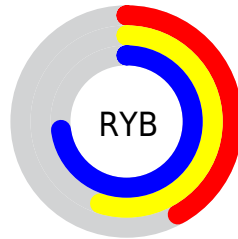
The YUV color **149.7640, 17.8643, -36.6270** is a light color, and the websafe version is hex **669999**. A complement of this color would be **144.2360, -17.8643, 36.6270**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8780, 18.3011, -36.7270**, and **97.0520, 17.7224, -37.7566** is the 20% darker color. If you saturate the color by 10%, you get **141.1480, 22.1120, -45.7338**, and if you desaturate by 10%, it is **158.3800, 13.6167, -27.5203**.

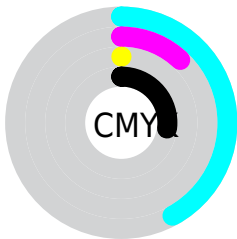
Distribution



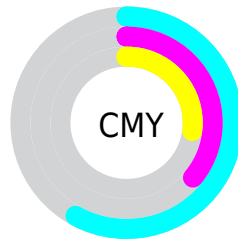
- Red (42%)
- Green (64%)
- Blue (73%)



- Red (42%)
- Yellow (55%)
- Blue (73%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7640, 17.8643, -36.6270 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 149.7640, 17.8643, -36.6270 by changing the saturation by 10% instead.

■ 149.7640, 17.8643,
-36.6270

■ 149.7640, 17.8643,
-36.6270

■ 255.0000, 0.0000,
0.0000

■ 123.3510, 17.5750,
-37.1418

■ 204.8780, 18.3011,
-36.7270

■ 97.0520, 17.7224,
-37.7566

■ 231.7550, 11.4598,
-35.7421

■ 71.1440, 18.1700,
-41.3453

■ 244.2360, 5.3067,
-22.1320

■ 47.0300, 17.7332,
-41.2453

■ 253.2060, 0.8844,
-3.6887

■ 31.4940, 14.0535,
-27.6202

■ 17.8330, 9.9423,
-15.6395

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 149.7640, 17.8643,
-36.6270

■ 149.7640, 17.8643,
-36.6270

■ 141.1480, 22.1120,
-45.7338

■ 158.3800, 13.6167,
-27.5203

■ 132.8310, 26.2123,
-54.2258

■ 166.6970, 9.5164,
-19.0283

■ 123.6280, 30.7494,
-62.8178

■ 175.9000, 4.9793,
-10.4363

■ 115.3110, 34.8497,
-71.3097

■ 184.2170, 0.8790,
-1.9443

■ 106.6950, 39.0974,
-80.4165

■ 192.8330, -3.3687,
7.1625

■ 99.8620, 42.4660,
-87.5790

■ 201.4490, -7.6164,
16.2692

■ 210.3530,
-12.0060, 24.2464

■ 218.3710,
-15.9589, 32.1236

■ 221.3060,
-17.4059, 29.5496

Harmonies

Analogous

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



148.3200, 11.1812, -39.7456



149.7640, 17.8643, -36.6270



153.6070, 19.4207, -22.4573

Triad

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



149.7640, 17.8643, -36.6270



159.4040, 0.7868, 27.7097



153.7600, -16.1507, 0.2105

Complementary

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



149.7640, 17.8643, -36.6270



144.2360, -17.8643, 36.6270

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.



155.4030, -17.9467, 16.3096



149.7640, 17.8643, -36.6270



158.4340, -8.1020, 32.0684

Square

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



149.7640, 17.8643, -36.6270



159.6180, 9.5553, 15.2440



157.1640, -15.3639, 27.9202



151.1970, -8.9711, -15.9588

Rectangle

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



149.7640, 17.8643, -36.6270



156.3420, 18.0724, -9.9469



157.1640, -15.3639, 27.9202



154.4510, -17.4773, 5.7435

Sweetspot

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



149.7640, 17.8643, -36.6270



227.4480, 7.1741, -14.4249



156.1800, -13.3997, -42.2539



113.3840, 4.2477, -9.1068



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.



149.7640, 17.8643, -36.6270



185.8630, 27.6755, -56.8849



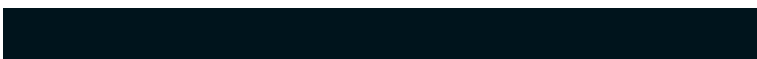
127.4580, 28.8612, -17.0647



87.5480, 2.1948, -3.9886



83.5280, 35.7287, -73.2541



14.9320, 6.4425, -13.0954

Inverse Universe

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



137.7060, 12.9629, 42.3538



167.0970, 20.1652, 65.6899



166.5420, -28.8612, 17.0647



86.3750, 1.2941, 4.9331



59.4120, 25.9259, 84.7077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 149.7640, 17.8643, -36.6270 looks on a white background.

Color Contrast Check

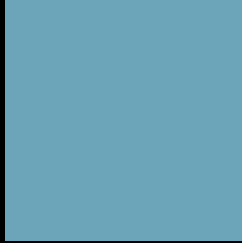
Large Text (above 18pt) WCAG AA × Fail

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 149.7640, 17.8643, -36.6270 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 149.7640, 17.8643, -36.6270

Background



This preview shows how black text looks on a background with the YUV color 149.7640, 17.8643, -36.6270.



This preview shows how white text looks on a background with the YUV color 149.7640, 17.8643, -36.6270.

-36.6270.

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

149.7640, 17.8643, -36.6270

Protanopia

155.9530, 11.3622, -4.3438

Deuteranopia

156.8160, 15.8667, -2.4696



Tritanopia

148.9550, 14.8122, -37.6715

Trichromacy



Original Color

149.7640, 17.8643, -36.6270

Protanomaly

153.8590, 13.8735, -16.5393

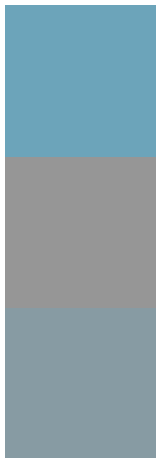
Deuteranomaly

153.9670, 16.7783, -14.8801

Tritanomaly

149.5960, 15.9752, -37.3567

Monochromacy



Original Color

149.7640, 17.8643, -36.6270

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7640, 17.8643, -36.6270 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(108, 164, 186)` looks like.

```
.text, #text, p{  
    color:rgb(108, 164, 186)  
}
```

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(108, 164, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 164, 186) }
```

Border

The CSS property to change the border of an element to YUV 149.7640, 17.8643, -36.6270 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(108, 164, 186) }
```


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

```
.border{ border-color:rgb(108, 164, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 164, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 164, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 164, 186);  
box-shadow:4px 4px 4px 4px rgb(108, 164,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 149.7640, 17.8643, -36.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 164, 186) }
```

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

```
.background{ background-color: rgb(108,  
164, 186) }
```

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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