

Converting Colors

YUV(149.4320, 18.0280,
-42.4749)

Have a look what the booklet for
YUV(149.4320, 18.0280, -42.4749)
contains.

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Color

**YUV(149.4320, 18.0280,
-42.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	65A7BA
RGB	101, 167, 186
RGB Percent	40%, 65%, 73%
CMY	0.6039, 0.3451, 0.2706
CMYK	0.46, 0.10, 0.00, 0.27
HSL	193°, 38%, 56%
HSV	193°, 46%, 73%
XYZ	28.0485, 33.9493, 51.5289
YIQ	149.4320, -45.4350, -8.0830

Conversions

Conversions Part 2

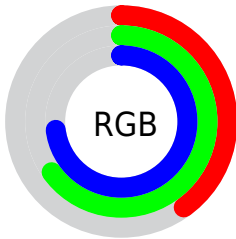
Format	Color
RYB	101, 138, 186
Decimal	6662074
CIELab	64.92, -15.92, -16.34
CIELCh	65, 22.809, 225.742
Yxy	33.9493, 0.2471, 0.2990
Android (android.graphics.Color)	4284852154 (0xFF65A7BA)
YUV	149.4320, 18.0280, -42.4749
Hunter-Lab	58.2660, -16.0381, -11.6483

Details

The YUV color **149.4320, 18.0280, -42.4749** is a light color, and the websafe version is hex **669999**. A complement of this color would be **137.5680, -18.0280, 42.4749**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5460, 18.4648, -42.5748**, and **96.1220, 18.1809, -44.8340** is the 20% darker color. If you saturate the color by 10%, you get **141.4030, 21.9863, -52.0964**, and if you desaturate by 10%, it is **157.4610, 14.0697, -32.8533**.

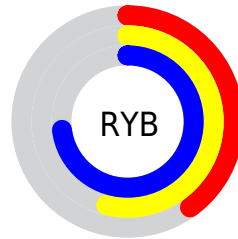
Distribution



Red (40%)

Green (65%)

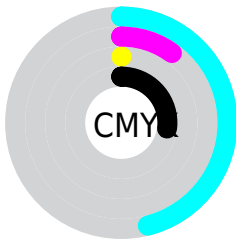
Blue (73%)



Red (40%)

Yellow (54%)

Blue (73%)

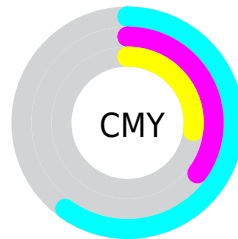


Cyan (46%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (60%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4320, 18.0280, -42.4749 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 149.4320, 18.0280, -42.4749 by changing the saturation by 10% instead.

■ 149.4320, 18.0280,
-42.4749

■ 149.4320, 18.0280,
-42.4749

255.0000, 0.0000,
0.0000

■ 122.7200, 17.8860,
-43.6044

■ 204.5460, 18.4648,
-42.5748

■ 96.1220, 18.1809,
-44.8340

■ 231.4230, 11.6235,
-41.5900

■ 66.3380, 20.5394,
-54.6704

■ 242.4420, 6.1911,
-25.8206

■ 48.7910, 16.8650,
-42.7897

■ 251.1130, 1.9163,
-7.9921

■ 32.6680, 13.4747,
-28.6498

■ 19.0070, 9.3635,
-16.6691

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 149.4320, 18.0280,
-42.4749

■ 149.4320, 18.0280,
-42.4749

■ 141.4030, 21.9863,
-52.0964

■ 157.4610, 14.0697,
-32.8533

■ 133.6730, 25.7972,
-61.1032

■ 165.1910, 10.2588,
-23.8465

■ 125.6440, 29.7555,
-70.7248

■ 173.2200, 6.3005,
-14.2249

■ 117.3270, 33.8558,
-79.2168

■ 181.5370, 2.2003,
-5.7329

■ 109.2980, 37.8141,
-88.8383

■ 189.5660, -1.7580,
3.8886

■ 105.7320, 39.5721,
-92.7270

■ 197.5950, -5.7163,
13.5102

■ 205.3250, -9.5272,
22.5170

■ 213.3540,
-13.4855, 32.1385

■ 217.1970,
-15.3801, 33.1532

Harmonies

Analogous

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



148.2550, 9.7343, -42.3196



149.4320, 18.0280, -42.4749



153.4320, 21.4790, -29.3199

Triad

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



149.4320, 18.0280, -42.4749



161.0880, 3.4076, 27.1098



155.8100, -18.6403, 5.4286

Complementary

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



149.4320, 18.0280, -42.4749



137.5680, -18.0280, 42.4749

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.



157.6810, -19.5627, 21.3278



149.4320, 18.0280, -42.4749



160.2000, -6.5076, 34.0276

Square

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



149.4320, 18.0280, -42.4749



160.6930, 12.4764, 11.6702



159.3000, -14.9379, 31.3089



152.8230, -11.7447, -12.9998

Rectangle

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



149.4320, 18.0280, -42.4749



156.5800, 20.4201, -16.2947



159.3000, -14.9379, 31.3089



156.0280, -19.2408, 11.3764

Sweetspot

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



149.4320, 18.0280, -42.4749



227.7250, 7.0376, -17.2988



152.9470, -16.7359, -45.5575



113.6720, 4.1057, -10.2363



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.



149.4320, 18.0280, -42.4749



184.6230, 28.2869, -66.3214



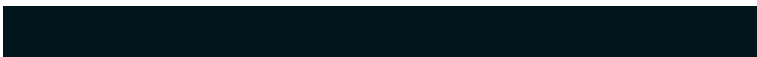
124.7780, 30.1824, -20.8533



88.1350, 1.9054, -4.5034



88.8110, 33.1242, -77.8872



16.1060, 5.8637, -14.1250

Inverse Universe

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



133.9390, 16.2991, 45.6575



160.5090, 25.3851, 71.4676



162.2220, -30.1824, 20.8533



86.4890, 1.7309, 4.8331



60.4380, 29.8571, 83.8079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 149.4320, 18.0280, -42.4749 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 149.4320, 18.0280, -42.4749 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

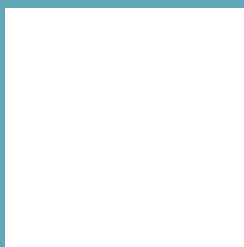
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.4320, 18.0280, -42.4749

Background



This preview shows how black text looks on a background with the YUV color 149.4320, 18.0280, -42.4749.



This preview shows how white text looks on a background with the YUV color 149.4320, 18.0280,

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

149.4320, 18.0280, -42.4749

Protanopia

157.6110, 10.0518, -4.0438

Deuteranopia

158.0010, 15.2825, -1.7549



Tritanopia

149.1500, 15.7021, -43.1045

Trichromacy



Original Color

149.4320, 18.0280, -42.4749

Protanomaly

154.6200, 13.0053, -18.0837

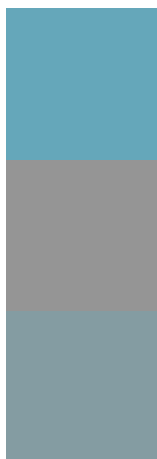
Deuteranomaly

154.8420, 16.3469, -16.5244

Tritanomaly

149.3780, 16.5756, -43.3045

Monochromacy



Original Color

149.4320, 18.0280, -42.4749

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.5080, 6.1586, -15.3545

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4320, 18.0280, -42.4749 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(101, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(101, 167, 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(101, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 167, 186) }
```

Border

The CSS property to change the border of an element to YUV 149.4320, 18.0280, -42.4749 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(101, 167, 186) }
```


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

```
.border{ border-color:rgb(101, 167, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 167, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 167, 186);  
box-shadow:4px 4px 4px 4px rgb(101, 167,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 149.4320, 18.0280, -42.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 167, 186) }
```

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

```
.background{ background-color: rgb(101,  
167, 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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