

Converting Colors

YUV(149.7730, 24.2689,
-37.5119)

Have a look what the booklet for
YUV(149.7730, 24.2689, -37.5119)
contains.

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Color

**YUV(149.7730, 24.2689,
-37.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA2C7
RGB	107, 162, 199
RGB Percent	42%, 64%, 78%
CMY	0.5804, 0.3647, 0.2196
CMYK	0.46, 0.19, 0.00, 0.22
HSL	204°, 45%, 60%
HSV	204°, 46%, 78%
XYZ	29.2925, 33.0900, 58.8760
YIQ	149.7730, -44.6570, -0.1530

Conversions

Conversions Part 2

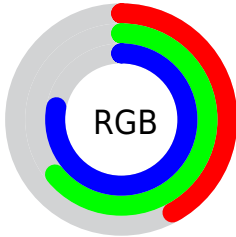
Format	Color
R _Y B	107, 141, 199
Decimal	7054023
CIE Lab	64.23, -8.10, -24.60
CIE LCh	64, 25.903, 251.778
Yxy	33.0900, 0.2416, 0.2729
Android (android.graphics.Color)	4285244103 (0xFF6BA2C7)
YUV	149.7730, 24.2689, -37.5119
Hunter-Lab	57.5239, -9.7704, -20.4168

Details

The YUV color **149.7730, 24.2689, -37.5119** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **156.2270, -24.2689, 37.5119**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8870, 24.7057, -37.6119**, and **96.3490, 23.9849, -39.7711** is the 20% darker color. If you saturate the color by 10%, you get **139.0970, 29.5322, -45.6891**, and if you desaturate by 10%, it is **160.4490, 19.0056, -29.3348**.

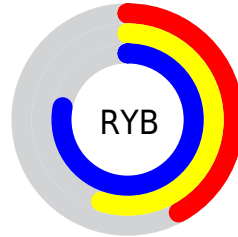
Distribution



Red (42%)

Green (64%)

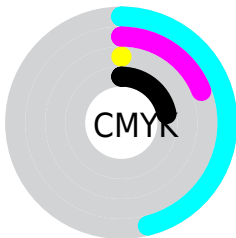
Blue (78%)



Red (42%)

Yellow (55%)

Blue (78%)

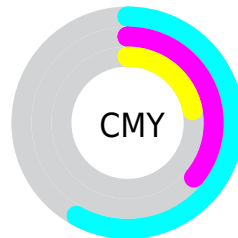


Cyan (46%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (58%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7730, 24.2689, -37.5119 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 149.7730, 24.2689, -37.5119 by changing the saturation by 10% instead.

■ 149.7730, 24.2689,
-37.5119

■ 149.7730, 24.2689,
-37.5119

■ 255.0000, 0.0000,
0.0000

■ 123.0610, 24.1269,
-38.6415

■ 204.8870, 24.7057,
-37.6119

■ 96.3490, 23.9849,
-39.7711

■ 229.9940, 12.3280,
-34.1977

■ 68.5330, 24.8802,
-46.9484

■ 244.5350, 5.1592,
-21.5172

■ 47.6970, 22.8274,
-41.8303

■ 253.2060, 0.8844,
-3.6887

■ 32.1610, 19.1476,
-28.2052

■ 17.7990, 14.8891,
-15.6097

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 149.7730, 24.2689,
-37.5119

■ 149.7730, 24.2689,
-37.5119

■ 139.0970, 29.5322,
-45.6891

■ 160.4490, 19.0056,
-29.3348

■ 128.4210, 34.7954,
-53.8662

■ 171.1250, 13.7424,
-21.1576

■ 117.7450, 40.0587,
-62.0434

■ 181.8010, 8.4791,
-12.9805

■ 107.0690, 45.3220,
-70.2205

■ 192.4770, 3.2158,
-4.8033

■ 96.6920, 50.4378,
-77.7829

■ 203.1530, -2.0474,
3.3738

■ 92.5390, 52.4853,
-81.1567

■ 213.5300, -7.1633,
10.9362

■ 224.2060,
-12.4266, 19.1133

■ 231.5930,
-16.0683, 20.5279

■ 236.2890,
-18.3835, 16.4095

Harmonies

Analogous

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



144.9470, 20.2391, -51.6965



149.7730, 24.2689, -37.5119



155.7590, 22.3038, -13.8206

Triad

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



149.7730, 24.2689, -37.5119



158.7490, -5.7923, 37.9311



151.0250, -14.8023, -12.2999

Complementary

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



149.7730, 24.2689, -37.5119



156.2270, -24.2689, 37.5119

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.



153.4360, -21.4139, 8.3876



149.7730, 24.2689, -37.5119



157.2190, -15.3910, 36.6419

Square

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



149.7730, 24.2689, -37.5119



159.3810, 5.7282, 29.4839



155.5460, -21.4682, 25.8312



147.2920, -3.1020, -31.8281

Rectangle

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



149.7730, 24.2689, -37.5119



157.8320, 18.3238, 2.7783



155.5460, -21.4682, 25.8312



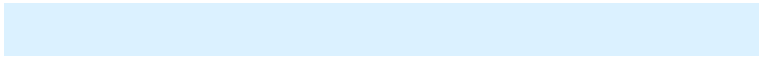
151.9720, -17.7342, -5.2374

Sweetspot

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



149.7730, 24.2689, -37.5119



236.0180, 9.3581, -14.9248



165.2220, -10.4624, -51.0607



116.1390, 5.8475, -8.8919



0.0000, 0.0000, 0.0000



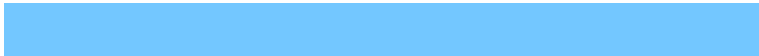
128.0000, 0.0000, 0.0000

Same Dimension

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



149.7730, 24.2689, -37.5119



180.2680, 36.8429, -57.2400



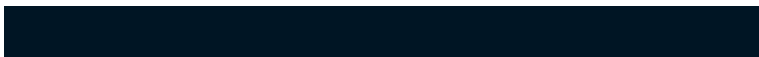
122.7710, 37.5809, -13.8312



93.9610, 2.4842, -3.4738



76.1080, 42.8378, -66.7467



16.4310, 9.6475, -14.4100

Inverse Universe

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



140.7780, 10.4624, 51.0607



166.4360, 16.0541, 77.6706



183.2290, -37.5809, 13.8312



93.2610, 0.8573, 5.0331



59.9090, 18.7789, 90.4108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 149.7730, 24.2689, -37.5119 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 149.7730, 24.2689, -37.5119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

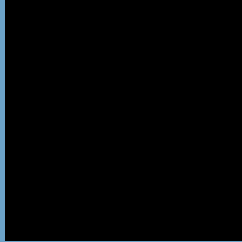
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.7730, 24.2689, -37.5119

Background



This preview shows how black text looks on a background with the YUV color 149.7730, 24.2689, -37.5119.

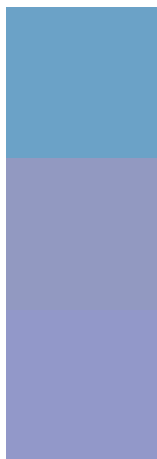


This preview shows how white text looks on a background with the YUV color 149.7730, 24.2689, -37.5119.

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

149.7730, 24.2689, -37.5119

Protanopia

155.4670, 18.5038, -8.3026

Deuteranopia

155.7920, 22.2875, -8.5876



Tritanopia

148.0470, 15.2598, -41.2602

Trichromacy



Original Color

149.7730, 24.2689, -37.5119

Protanomaly

153.2700, 20.5729, -18.6538

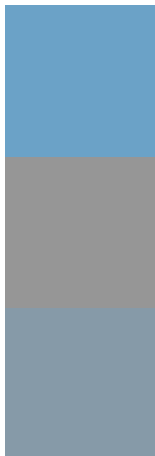
Deuteranomaly

153.8400, 22.7569, -19.1537

Tritanomaly

148.8560, 18.3120, -40.2157

Monochromacy



Original Color

149.7730, 24.2689, -37.5119

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.6160, 9.0633, -13.6952

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7730, 24.2689, -37.5119 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(107, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(107, 162, 199)  
}
```

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(107, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 162, 199) }
```

Border

The CSS property to change the border of an element to YUV 149.7730, 24.2689, -37.5119 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(107, 162, 199) }
```


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

```
.border{ border-color:rgb(107, 162, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(107, 162,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 149.7730, 24.2689, -37.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 162, 199) }
```

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

```
.background{ background-color: rgb(107,  
162, 199) }
```

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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