

Converting Colors

YUV(153.0240, 36.9632,
-49.1330)

Have a look what the booklet for
YUV(153.0240, 36.9632, -49.1330)
contains.

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Color

**YUV(153.0240, 36.9632,
-49.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	61A7E4
RGB	97, 167, 228
RGB Percent	38%, 65%, 89%
CMY	0.6196, 0.3451, 0.1059
CMYK	0.57, 0.27, 0.00, 0.11
HSL	208°, 71%, 64%
HSV	208°, 57%, 89%
XYZ	32.7521, 35.7803, 78.5788
YIQ	153.0240, -61.3010, 4.1310

Conversions

Conversions Part 2

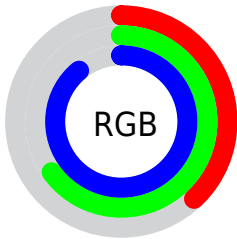
Format	Color
R _Y B	97, 143, 228
Decimal	6399972
CIE Lab	66.35, -4.42, -37.41
CIE LCh	66, 37.671, 263.255
Yxy	35.7803, 0.2226, 0.2432
Android (android.graphics.Color)	4284590052 (0xFF61A7E4)
YUV	153.0240, 36.9632, -49.1330
Hunter-Lab	59.8166, -6.9429, -36.0155

Details

The YUV color **153.0240, 36.9632, -49.1330** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **171.9760, -36.9632, 49.1330**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0280, 24.1432, -43.8746**, and **94.5880, 38.1641, -61.0287** is the 20% darker color. If you saturate the color by 10%, you get **139.6900, 43.5368, -57.6101**, and if you desaturate by 10%, it is **166.3580, 30.3895, -40.6560**.

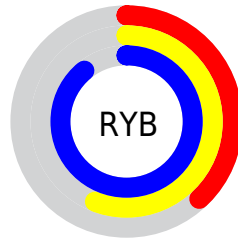
Distribution



Red (38%)

Green (65%)

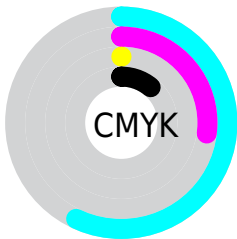
Blue (89%)



Red (38%)

Yellow (56%)

Blue (89%)

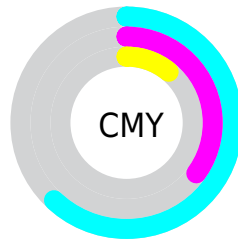


Cyan (57%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0240, 36.9632, -49.1330 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 153.0240, 36.9632, -49.1330 by changing the saturation by 10% instead.

■ 153.0240, 36.9632,
-49.1330

■ 153.0240, 36.9632,
-49.1330

■ 255.0000, 0.0000,
0.0000

■ 125.3010, 36.8266,
-52.0070

■ 206.0280, 24.1432,
-43.8746

■ 94.5880, 38.1641,
-61.0287

■ 231.1350, 11.7654,
-40.4604

■ 69.9470, 37.0011,
-61.3435

■ 243.0400, 5.8963,
-24.5911

■ 53.5960, 32.7372,
-47.0037

■ 252.0100, 1.4741,
-6.1478

■ 37.7180, 27.7470,
-33.0787

■ 23.2420, 23.0517,
-20.3832

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 153.0240, 36.9632,
-49.1330

■ 153.0240, 36.9632,
-49.1330

■ 139.6900, 43.5368,
-57.6101

■ 166.3580, 30.3895,
-40.6560

■ 126.9430, 49.8211,
-66.6020

■ 179.1050, 24.1052,
-31.6641

■ 113.9080, 56.2474,
-74.4643

■ 192.1400, 17.6790,
-23.8018

■ 101.1610, 62.5316,
-83.4562

■ 204.8870, 11.3947,
-14.8099

■ 97.6060, 64.2842,
-85.6005

■ 218.2210, 4.8210,
-6.3328

■ 231.5550, -1.7526,
2.1443

■ 243.7040, -7.7421,
9.9066

■ 250.1610,
-10.9254, 4.2438

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



134.1120, 39.8778, -97.4452



153.0240, 36.9632, -49.1330



162.4530, 29.8497, -7.4133

Triad

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



153.0240, 36.9632, -49.1330



163.2090, -13.4140, 55.9447



151.3880, -15.4743, -30.1583

Complementary

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



153.0240, 36.9632, -49.1330



171.9760, -36.9632, 49.1330

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.



156.1440, -28.6650, 0.7507



153.0240, 36.9632, -49.1330



161.7120, -26.4800, 46.7336

Square

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



153.0240, 36.9632, -49.1330



164.7040, 2.6109, 49.3716



159.6850, -32.3827, 26.5863



143.6300, 4.1264, -63.6965

Rectangle

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



153.0240, 36.9632, -49.1330



165.3590, 22.5010, 16.3482



159.6850, -32.3827, 26.5863



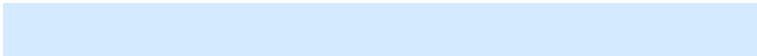
153.3740, -20.8904, -19.6220

Sweetspot

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



153.0240, 36.9632, -49.1330



230.4030, 12.1263, -16.1394



180.6230, -12.1391, -73.3374



113.1820, 7.3053, -9.8066



0.0000, 0.0000, 0.0000



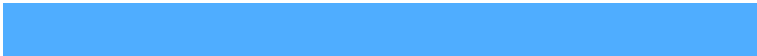
128.0000, 0.0000, 0.0000

Same Dimension

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



153.0240, 36.9632, -49.1330



154.2420, 49.6737, -65.9872



116.0430, 55.1948, -16.7007



107.8900, 3.5052, -4.2885



76.1710, 50.6947, -66.8020



21.6630, 14.4631, -18.9985

Inverse Universe

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



144.1490, 11.2655, 73.5373



142.3400, 15.1154, 98.8028



208.9570, -55.1948, 16.7007



107.2720, 0.8519, 6.7775



64.3510, 15.1100, 100.5472



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 153.0240, 36.9632, -49.1330 looks on a white background.

Color Contrast Check

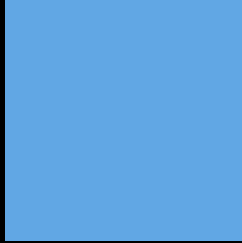
Large Text (above 18pt) WCAG AA × Fail

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 153.0240, 36.9632, -49.1330 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 153.0240, 36.9632, -49.1330

Background



This preview shows how black text looks on a background with the YUV color 153.0240, 36.9632, -49.1330.



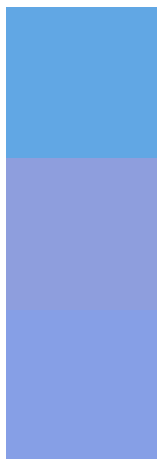
This preview shows how white text looks on a background with the YUV color 153.0240, 36.9632, -49.1330.

-49.1330.

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

153.0240, 36.9632, -49.1330

Protanopia

160.3980, 29.8768, -16.1350

Deuteranopia

159.6190, 34.6978, -22.4679



Tritanopia

147.7890, 19.8240, -58.5740

Trichromacy



Original Color

153.0240, 36.9632, -49.1330

Protanomaly

157.7170, 32.6775, -27.8158

Deuteranomaly

157.3790, 35.3092, -31.9044

Tritanomaly

149.5320, 26.3597, -54.8406

Monochromacy



Original Color

153.0240, 36.9632, -49.1330

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0330, 13.2947, -17.5689

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0240, 36.9632, -49.1330 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(97, 167, 228)` looks like.

```
.text, #text, p{  
    color:rgb(97, 167, 228)  
}
```

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(97, 167, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 167, 228) }
```

Border

The CSS property to change the border of an element to YUV 153.0240, 36.9632, -49.1330 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(97, 167, 228) }
```


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

```
.border{ border-color:rgb(97, 167, 228) }
```

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

Here you see how a box with a 4 pixel rgb(97, 167, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 167, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 167, 228);  
box-shadow:4px 4px 4px 4px rgb(97, 167,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 153.0240, 36.9632, -49.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 167, 228) }
```

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

```
.background{ background-color: rgb(97, 167,  
228) }
```

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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