

Converting Colors

YUV(153.5340, 23.4007,
-39.0563)

Have a look what the booklet for
YUV(153.5340, 23.4007, -39.0563)
contains.

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Color

**YUV(153.5340, 23.4007,
-39.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA7C9
RGB	109, 167, 201
RGB Percent	43%, 65%, 79%
CMY	0.5725, 0.3451, 0.2118
CMYK	0.46, 0.17, 0.00, 0.21
HSL	202°, 46%, 61%
HSV	202°, 46%, 79%
XYZ	30.6680, 35.1057, 60.4180
YIQ	153.5340, -45.4820, -1.7220

Conversions

Conversions Part 2

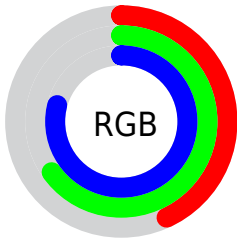
Format	Color
R _Y B	109, 145, 201
Decimal	7186377
CIE Lab	65.83, -9.78, -23.26
CIE LCh	66, 25.233, 247.199
Yxy	35.1057, 0.2430, 0.2782
Android (android.graphics.Color)	4285376457 (0xFF6DA7C9)
YUV	153.5340, 23.4007, -39.0563
Hunter-Lab	59.2501, -11.2955, -18.9837

Details

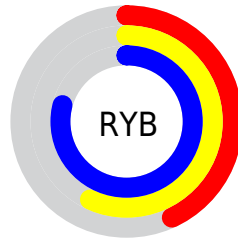
The YUV color **153.5340, 23.4007, -39.0563** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **156.4660, -23.4007, 39.0563**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7190, 22.8165, -38.3416**, and **100.1100, 23.1168, -41.3155** is the 20% darker color. If you saturate the color by 10%, you get **143.4450, 28.3746, -47.7483**, and if you desaturate by 10%, it is **163.6230, 18.4269, -30.3644**.

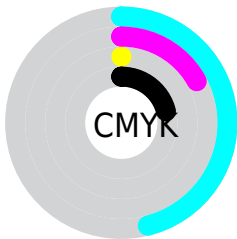
Distribution



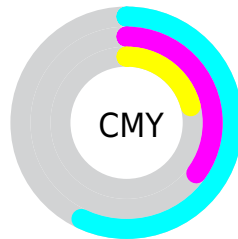
- Red (43%)
- Green (65%)
- Blue (79%)



- Red (43%)
- Yellow (57%)
- Blue (79%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5340, 23.4007, -39.0563 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 153.5340, 23.4007, -39.0563 by changing the saturation by 10% instead.

■ 153.5340, 23.4007,
-39.0563

■ 153.5340, 23.4007,
-39.0563

■ 255.0000, 0.0000,
0.0000

■ 126.8220, 23.2588,
-40.1859

■ 208.7190, 22.8165,
-38.3416

■ 100.1100, 23.1168,
-41.3155

■ 234.1140, 10.2968,
-36.0570

■ 72.5930, 23.8647,
-47.8781

■ 245.1330, 4.8644,
-20.2876

■ 50.2730, 22.5434,
-44.0894

■ 253.8040, 0.5896,
-2.4591

■ 34.6230, 18.4269,
-30.3644

■ 20.3750, 14.6051,
-17.8689

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 153.5340, 23.4007,
-39.0563

■ 153.5340, 23.4007,
-39.0563

■ 143.4450, 28.3746,
-47.7483

■ 163.6230, 18.4269,
-30.3644

■ 132.7690, 33.6379,
-55.9254

■ 174.2990, 13.1636,
-22.1872

■ 122.6800, 38.6118,
-64.6174

■ 184.3880, 8.1897,
-13.4953

■ 112.0040, 43.8750,
-72.7945

■ 195.0640, 2.9264,
-5.3181

■ 101.6160, 48.9963,
-82.1012

■ 205.4520, -2.1948,
3.9886

■ 97.4630, 51.0437,
-85.4751

■ 216.1280, -7.4581,
12.1657

■ 226.2170,
-12.4320, 20.8577

■ 231.8210,
-15.1948, 20.3280

■ 236.5170,
-17.5099, 16.2096

Harmonies

Analogous

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



149.0890, 18.1971, -50.0671



153.5340, 23.4007, -39.0563



158.7370, 22.3147, -17.3093

Triad

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



153.5340, 23.4007, -39.0563



162.9060, -3.8977, 36.9164



155.7050, -16.1236, -8.5113

Complementary

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



153.5340, 23.4007, -39.0563



156.4660, -23.4007, 39.0563

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.



158.1590, -21.2774, 11.2616



153.5340, 23.4007, -39.0563



161.9740, -13.7912, 36.8568

Square

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



153.5340, 23.4007, -39.0563



164.0000, 6.9020, 26.3100



160.4860, -20.4526, 26.7608



152.4450, -5.1494, -28.4543

Rectangle

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



153.5340, 23.4007, -39.0563



161.9240, 18.7715, -0.8103



160.4860, -20.4526, 26.7608



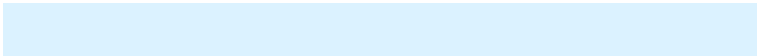
156.7660, -18.6186, -1.5488

Sweetspot

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



153.5340, 23.4007, -39.0563



236.6050, 9.0687, -15.4396



166.8800, -11.7728, -50.7608



116.1390, 5.8475, -8.8919



0.0000, 0.0000, 0.0000



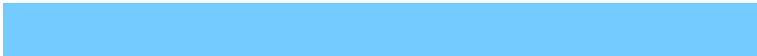
128.0000, 0.0000, 0.0000

Same Dimension

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



153.5340, 23.4007, -39.0563



182.6160, 35.6853, -59.2992



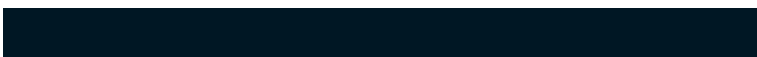
126.5320, 36.7127, -15.3756



94.5480, 2.1948, -3.9886



79.0430, 41.3908, -69.3207



17.6050, 9.0687, -15.4396

Inverse Universe

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



143.1200, 11.7728, 50.7608



166.8920, 17.8012, 77.2707



183.4680, -36.7127, 15.3756



93.3750, 1.2941, 4.9331



60.4790, 20.9629, 89.9109



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 153.5340, 23.4007, -39.0563 looks on a white background.

Color Contrast Check

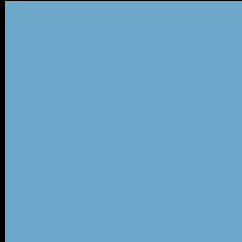
Large Text (above 18pt) WCAG AA × Fail

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 153.5340, 23.4007, -39.0563 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 153.5340, 23.4007, -39.0563

Background



This preview shows how black text looks on a background with the YUV color 153.5340, 23.4007, -39.0563.



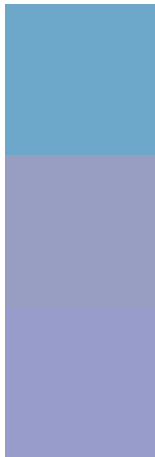
This preview shows how white text looks on a background with the YUV color 153.5340, 23.4007, -39.0563.

-39.0563.

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

153.5340, 23.4007, -39.0563

Protanopia

160.0110, 16.7566, -7.9026

Deuteranopia

160.1620, 21.1191, -7.1581



Tritanopia

151.8620, 15.8440, -41.9750

Trichromacy



Original Color

153.5340, 23.4007, -39.0563

Protanomaly

157.6290, 19.4099, -18.9686

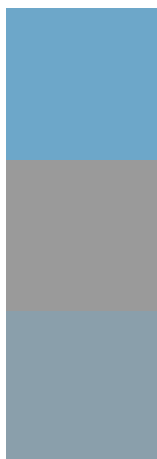
Deuteranomaly

157.6120, 21.8833, -18.9537

Tritanomaly

152.5570, 18.4594, -40.8305

Monochromacy



Original Color

153.5340, 23.4007, -39.0563

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0890, 8.3371, -14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5340, 23.4007, -39.0563 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(109, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(109, 167, 201)  
}
```

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(109, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 167, 201) }
```

Border

The CSS property to change the border of an element to YUV 153.5340, 23.4007, -39.0563 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(109, 167, 201) }
```


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

```
.border{ border-color:rgb(109, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(109, 167,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 153.5340, 23.4007, -39.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 167, 201) }
```

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

```
.background{ background-color: rgb(109,  
167, 201) }
```

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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