

Converting Colors

YUV(173.9190, 22.7179,
-53.4260)

Have a look what the booklet for
YUV(173.9190, 22.7179, -53.4260)
contains.

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Color

**YUV(173.9190, 22.7179,
-53.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	71C4DC
RGB	113, 196, 220
RGB Percent	44%, 77%, 86%
CMY	0.5569, 0.2314, 0.1373
CMYK	0.49, 0.11, 0.00, 0.14
HSL	193°, 60%, 65%
HSV	193°, 49%, 86%
XYZ	39.4682, 48.1579, 74.9253
YIQ	173.9190, -57.1720, -10.1320

Conversions

Conversions Part 2

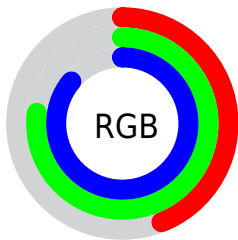
Format	Color
R _{YB}	113, 160, 220
Decimal	7455964
CIE _{Lab}	74.92, -18.89, -19.80
CIE _{LCh}	75, 27.368, 226.356
Yxy	48.1579, 0.2428, 0.2963
Android (android.graphics.Color)	4285646044 (0xFF71C4DC)
YUV	173.9190, 22.7179, -53.4260
Hunter-Lab	69.3959, -19.9226, -15.4371

Details

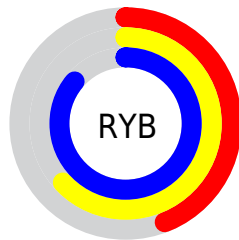
The YUV color **173.9190, 22.7179, -53.4260** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **159.0810, -22.7179, 53.4260**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4110, 13.1084, -51.2264**, and **118.0110, 23.1656, -57.0146** is the 20% darker color. If you saturate the color by 10%, you get **164.4060, 27.4078, -64.3771**, and if you desaturate by 10%, it is **183.4320, 18.0280, -42.4749**.

Distribution



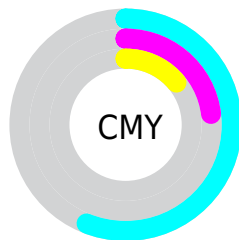
- Red (44%)
- Green (77%)
- Blue (86%)



- Red (44%)
- Yellow (63%)
- Blue (86%)



- Cyan (49%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9190, 22.7179, -53.4260 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 173.9190, 22.7179, -53.4260 by changing the saturation by 10% instead.

■ 173.9190, 22.7179,
-53.4260

■ 173.9190, 22.7179,
-53.4260

255.0000, 0.0000,
0.0000

■ 146.2070, 22.5759,
-54.5555

■ 228.4110, 13.1084,
-51.2264

■ 118.0110, 23.1656,
-57.0146

■ 238.5550, 8.1074,
-33.8127

■ 85.7320, 26.2611,
-69.9250

■ 247.2260, 3.8326,
-15.9842

■ 66.8860, 22.7342,
-58.6590

■ 50.0620, 19.1964,
-43.9044

■ 33.8250, 15.3693,
-29.6645

■ 20.7510, 10.9688,

-18.1986

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 173.9190, 22.7179,
-53.4260

■ 173.9190, 22.7179,
-53.4260

■ 164.4060, 27.4078,
-64.3771

■ 183.4320, 18.0280,
-42.4749

■ 154.8930, 32.0978,
-75.3282

■ 192.9450, 13.3381,
-31.5238

■ 145.3800, 36.7877,
-86.2793

■ 202.4580, 8.6482,
-20.5727

■ 135.8670, 41.4776,
-97.2304

■ 211.9710, 3.9583,
-9.6216

■ 126.3540, 46.1675,
-108.1815

■ 221.4840, -0.7316,
1.3295

■ 125.4570, 46.6097,
-110.0258

■ 230.9970, -5.4215,
12.2806

■ 236.9220, -8.3425,
15.8544

■ 239.2700, -9.5001,
13.7952

■ 242.2050,
-10.9471, 11.2212

Harmonies

Analogous

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



172.8730, 12.3876, -53.3856



173.9190, 22.7179, -53.4260



179.3540, 26.4475, -36.2675

Triad

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



173.9190, 22.7179, -53.4260



188.3600, 4.2595, 33.8873



181.7840, -22.5715, 6.3284

Complementary

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



173.9190, 22.7179, -53.4260



159.0810, -22.7179, 53.4260

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.



184.2640, -23.7942, 25.2015



173.9190, 22.7179, -53.4260



187.5000, -8.1345, 42.5345

Square

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



173.9190, 22.7179, -53.4260



187.8120, 15.3757, 15.0739



186.1330, -18.3066, 38.4714



178.7040, -14.6441, -16.4034

Rectangle

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



173.9190, 22.7179, -53.4260



183.4100, 24.9409, -19.6536



186.1330, -18.3066, 38.4714



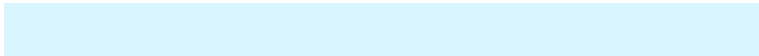
182.7740, -24.0456, 12.4762

Sweetspot

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



173.9190, 22.7179, -53.4260



238.3550, 8.2060, -18.7283



178.4310, -20.9185, -57.3830



117.6010, 5.1267, -11.0511



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.



173.9190, 22.7179, -53.4260



191.3770, 31.3661, -73.9986



142.8080, 38.0557, -26.1416



104.9500, 2.4896, -5.2182



98.9670, 36.4983, -86.7941



26.3760, 9.6746, -23.1318

Inverse Universe

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



154.4550, 20.4817, 57.4830



164.3620, 28.4155, 79.4895



190.1920, -38.0557, 26.1416



103.2010, 1.8729, 5.9627



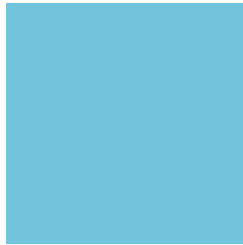
67.1170, 33.4663, 92.8594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 173.9190, 22.7179, -53.4260 looks on a white background.

Color Contrast Check

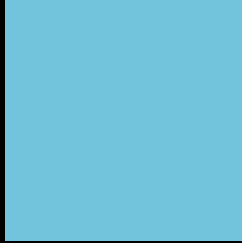
Large Text (above 18pt) WCAG AA × Fail

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 173.9190, 22.7179, -53.4260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

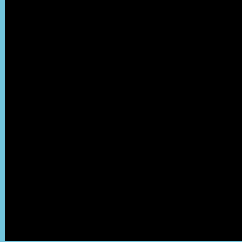
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.9190, 22.7179, -53.4260

Background



This preview shows how black text looks on a background with the YUV color 173.9190, 22.7179, -53.4260.



This preview shows how white text looks on a background with the YUV color 173.9190, 22.7179, -53.4260.

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

173.9190, 22.7179, -53.4260

Protanopia

184.4090, 13.1094, -4.7437

Deuteranopia

185.3150, 19.0717, -3.7843



Tritanopia

173.1100, 19.6658, -54.4705

Trichromacy



Original Color

173.9190, 22.7179, -53.4260

Protanomaly

180.5100, 16.5106, -22.3723

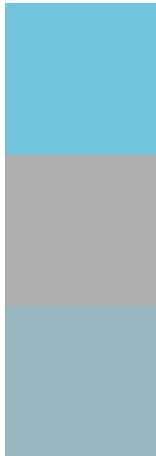
Deuteranomaly

181.2480, 20.5837, -22.1425

Tritanomaly

173.7510, 20.8288, -54.1556

Monochromacy



Original Color

173.9190, 22.7179, -53.4260

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0560, 8.3534, -19.3431

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9190, 22.7179, -53.4260 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(113, 196, 220)` looks like.

```
.text, #text, p{  
    color:rgb(113, 196, 220)  
}
```

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(113, 196, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 196, 220) }
```

Border

The CSS property to change the border of an element to YUV 173.9190, 22.7179, -53.4260 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(113, 196, 220) }
```


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

```
.border{ border-color:rgb(113, 196, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 196, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 196, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 196, 220);  
box-shadow:4px 4px 4px 4px rgb(113, 196,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 173.9190, 22.7179, -53.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 196, 220) }
```

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

```
.background{ background-color: rgb(113,  
196, 220) }
```

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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