

Converting Colors

YUV(173.0910, 25.0981,
-70.2398)

Have a look what the booklet for
YUV(173.0910, 25.0981, -70.2398)
contains.

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Color

**YUV(173.0910, 25.0981,
-70.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	5DCCE0
RGB	93, 204, 224
RGB Percent	36%, 80%, 88%
CMY	0.6353, 0.2000, 0.1216
CMYK	0.58, 0.09, 0.00, 0.12
HSL	189°, 68%, 62%
HSV	189°, 58%, 88%
XYZ	39.5616, 50.8947, 78.2596
YIQ	173.0910, -72.5760, -17.3120

Conversions

Conversions Part 2

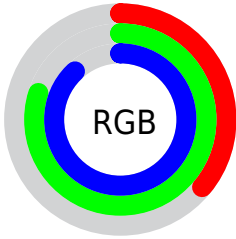
Format	Color
R_{YB}	93, 153, 224
Decimal	6147296
CIE _{Lab}	76.62, -25.88, -19.47
CIE _{LCh}	77, 32.389, 216.953
Yxy	50.8947, 0.2345, 0.3017
Android (android.graphics.Color)	4284337376 (0xFF5DCCE0)
YUV	173.0910, 25.0981, -70.2398
Hunter-Lab	71.3405, -25.8594, -15.1019

Details

The YUV color **173.0910, 25.0981, -70.2398** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **143.9090, -25.0981, 70.2398**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **107.9140, 30.1154, -92.8866** is the 20% darker color. If you saturate the color by 10%, you get **164.7520, 29.2093, -82.2205**, and if you desaturate by 10%, it is **181.4300, 20.9870, -58.2591**.

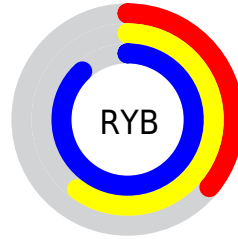
Distribution



Red (36%)

Green (80%)

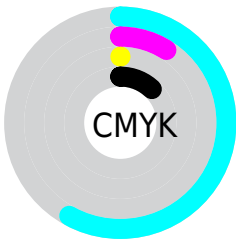
Blue (88%)



Red (36%)

Yellow (60%)

Blue (88%)

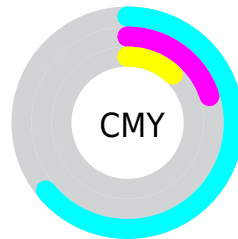


Cyan (58%)

Magenta (9%)

Yellow (0%)

Black (12%)



Cyan (64%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0910, 25.0981, -70.2398 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 173.0910, 25.0981, -70.2398 by changing the saturation by 10% instead.

■ 173.0910, 25.0981,
-70.2398

■ 173.0910, 25.0981,
-70.2398

■ 255.0000, 0.0000,
0.0000

■ 143.2970, 25.9826,
-73.9285

■ 224.8010, 14.8881,
-62.0925

■ 107.9140, 30.1154,
-92.8866

■ 233.7710, 10.4659,
-43.6492

■ 88.3890, 26.4302,
-77.5172

■ 242.7410, 6.0437,
-25.2059

■ 70.8640, 22.7450,
-62.1477

■ 251.7110, 1.6215,
-6.7625

■ 53.9260, 18.7705,
-47.2931

■ 37.6890, 14.9433,
-33.0533

■ 24.0280, 10.8322,

-21.0726

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 173.0910, 25.0981,
-70.2398

■ 173.0910, 25.0981,
-70.2398

■ 164.7520, 29.2093,
-82.2205

■ 181.4300, 20.9870,
-58.2591

■ 155.5270, 33.7572,
-94.3012

■ 190.6550, 16.4391,
-46.1784

■ 147.1880, 37.8683,
-106.2819

■ 198.9940, 12.3280,
-34.1977

■ 137.9630, 42.4162,
-118.3626

■ 208.2190, 7.7800,
-22.1171

■ 137.0660, 42.8585,
-120.2069

■ 216.5580, 3.6689,
-10.1364

■ 225.4840, -0.7316,
1.3295

■ 234.1220, -4.9901,
13.9250

■ 237.3780, -6.5954,
15.4545

■ 239.7260, -7.7529,
13.3953

Harmonies

Analogous

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



174.2480, 10.2307, -61.6075



173.0910, 25.0981, -70.2398



178.9110, 31.5959, -54.2959

Triad

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



173.0910, 25.0981, -70.2398



193.7390, 9.4957, 34.4319



186.3460, -28.2716, 14.6056

Complementary

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



173.0910, 25.0981, -70.2398



143.9090, -25.0981, 70.2398

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.



189.2330, -26.7369, 35.7527



173.0910, 25.0981, -70.2398



193.0430, -4.9512, 48.1973

Square

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



173.0910, 25.0981, -70.2398



192.4890, 21.9439, 8.3411



190.9000, -18.1917, 48.3227



183.0160, -21.2069, -11.4150

Rectangle

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



173.0910, 25.0981, -70.2398



184.9180, 31.0994, -35.0081



190.9000, -18.1917, 48.3227



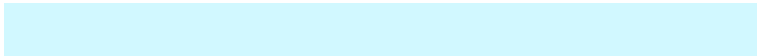
187.5750, -28.8775, 22.2977

Sweetspot

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



173.0910, 25.0981, -70.2398



237.1370, 8.8065, -24.6761



172.1770, -29.1743, -69.4382



116.3940, 5.7218, -15.2545



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.



173.0910, 25.0981, -70.2398



185.9290, 34.0520, -95.5307



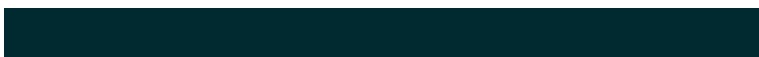
134.9360, 43.9086, -36.7779



107.5370, 2.2003, -5.7329



107.5270, 33.7572, -94.3012



29.5390, 9.1013, -25.9057

Inverse Universe

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



144.8230, 29.1743, 69.4382



147.4360, 39.7181, 94.3336



182.0640, -43.9086, 36.7779



105.3150, 2.3097, 5.8627



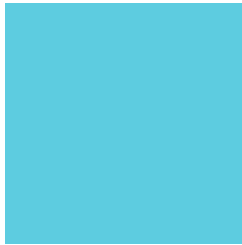
69.6100, 39.1393, 93.3040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 173.0910, 25.0981, -70.2398 looks on a white background.

Color Contrast Check

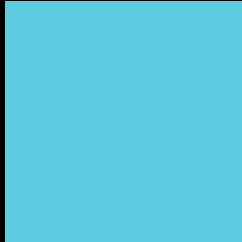
Large Text (above 18pt) WCAG AA × Fail

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 173.0910, 25.0981, -70.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

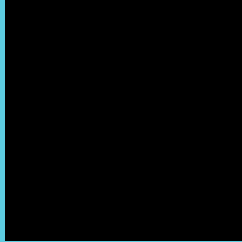
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.0910, 25.0981, -70.2398

Background



This preview shows how black text looks on a background with the YUV color 173.0910, 25.0981, -70.2398.



This preview shows how white text looks on a background with the YUV color 173.0910, 25.0981, -70.2398.

-70.2398.

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

173.0910, 25.0981, -70.2398

Protanopia

188.3660, 11.6516, -3.8290

Deuteranopia

189.6140, 18.9243, -3.1695



Tritanopia

172.4500, 23.9352, -70.5546

Trichromacy



Original Color

173.0910, 25.0981, -70.2398

Protanomaly

183.0640, 16.2374, -28.1201

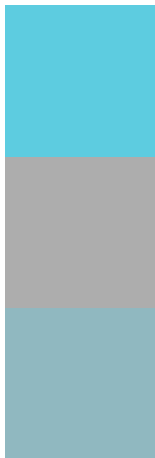
Deuteranomaly

183.4430, 21.4736, -27.5755

Tritanomaly

172.5640, 24.3719, -70.6546

Monochromacy



Original Color

173.0910, 25.0981, -70.2398

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9520, 9.3907, -25.3909

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0910, 25.0981, -70.2398 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(93, 204, 224)` looks like.

```
.text, #text, p{  
    color:rgb(93, 204, 224)  
}
```

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(93, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 204, 224) }
```

Border

The CSS property to change the border of an element to YUV 173.0910, 25.0981, -70.2398 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(93, 204, 224) }
```


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

```
.border{ border-color:rgb(93, 204, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 204, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(93, 204,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 173.0910, 25.0981, -70.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 204, 224) }
```

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

```
.background{ background-color: rgb(93, 204,  
224) }
```

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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