

Converting Colors

YUV(173.6910, 25.2953,
-40.0710)

Have a look what the booklet for
YUV(173.6910, 25.2953, -40.0710)
contains.

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Color

**YUV(173.6910, 25.2953,
-40.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	80BBE1
RGB	128, 187, 225
RGB Percent	50%, 73%, 88%
CMY	0.4980, 0.2667, 0.1176
CMYK	0.43, 0.17, 0.00, 0.12
HSL	204°, 62%, 69%
HSV	204°, 43%, 88%
XYZ	40.2630, 45.5661, 77.9072
YIQ	173.6910, -47.3620, -0.6900

Conversions

Conversions Part 2

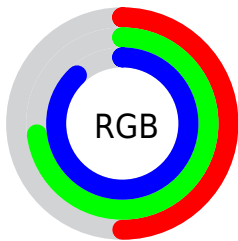
Format	Color
R _Y B	128, 165, 225
Decimal	8436705
CIE Lab	73.26, -9.24, -24.98
CIE LCh	73, 26.636, 249.700
Yxy	45.5661, 0.2459, 0.2783
Android (android.graphics.Color)	4286626785 (0xFF80BBE1)
YUV	173.6910, 25.2953, -40.0710
Hunter-Lab	67.5027, -11.6605, -21.1768

Details

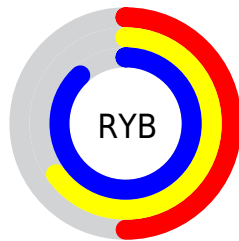
The YUV color **173.6910, 25.2953, -40.0710** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **179.3090, -25.2953, 40.0710**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7270, 13.9386, -37.4716**, and **119.5660, 24.8640, -41.7154** is the 20% darker color. If you saturate the color by 10%, you get **161.8300, 31.1428, -48.9629**, and if you desaturate by 10%, it is **185.8510, 19.3005, -30.5643**.

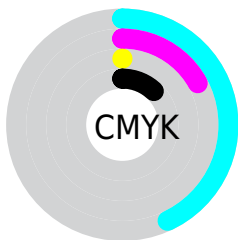
Distribution



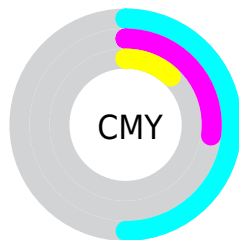
- Red (50%)
- Green (73%)
- Blue (88%)



- Red (50%)
- Yellow (65%)
- Blue (88%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6910, 25.2953, -40.0710 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 173.6910, 25.2953, -40.0710 by changing the saturation by 10% instead.

■ 173.6910, 25.2953,
-40.0710

■ 173.6910, 25.2953,
-40.0710

255.0000, 0.0000,
0.0000

■ 146.2780, 25.0059,
-40.5858

■ 226.7270, 13.9386,
-37.4716

■ 119.5660, 24.8640,
-41.7154

■ 242.4420, 6.1911,
-25.8206

■ 92.8430, 24.7274,
-44.5893

■ 251.4120, 1.7689,
-7.3773

■ 62.6460, 26.7965,
-54.9405

■ 46.4090, 22.9694,
-40.7007

■ 31.3460, 18.5634,
-27.4904

■ 16.3970, 14.5943,

-14.3802

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 173.6910, 25.2953,
-40.0710

■ 173.6910, 25.2953,
-40.0710

■ 161.8300, 31.1428,
-48.9629

■ 185.8510, 19.3005,
-30.5643

■ 149.6700, 37.1377,
-58.4696

■ 197.7120, 13.4530,
-21.6724

■ 138.0970, 42.8432,
-68.4911

■ 208.9860, 7.8949,
-12.2657

■ 126.2360, 48.6907,
-77.3830

■ 221.1460, 1.9000,
-2.7590

■ 114.3750, 54.5381,
-86.2749

■ 233.0070, -3.9475,
6.1329

■ 106.0690, 58.6330,
-93.0225

■ 242.7750, -8.7631,
10.7213

■ 248.0580,
-11.3676, 6.0881

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



169.2350, 20.0971, -52.8261



173.6910, 25.2953, -40.0710



179.2040, 24.0564, -15.9649

Triad

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



173.6910, 25.2953, -40.0710



183.2870, -5.0715, 40.0903



175.2810, -16.4075, -10.7704

Complementary

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



173.6910, 25.2953, -40.0710



179.3090, -25.2953, 40.0710

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.



178.1050, -22.7298, 10.4319



173.6910, 25.2953, -40.0710



182.4150, -15.9806, 39.1010

Square

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



173.6910, 25.2953, -40.0710



183.9080, 6.4544, 29.8987



180.3290, -22.3472, 27.7755



171.5370, -4.7017, -32.0429

Rectangle

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



173.6910, 25.2953, -40.0710



182.1630, 19.6396, 0.7340



180.3290, -22.3472, 27.7755



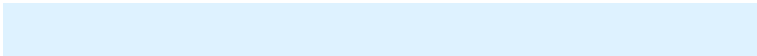
176.2280, -19.3394, -3.7080

Sweetspot

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



173.6910, 25.2953, -40.0710



237.5020, 8.6265, -13.5953



189.1570, -11.9094, -53.6347



117.0250, 5.4107, -8.7919



0.0000, 0.0000, 0.0000



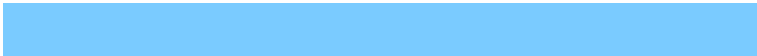
128.0000, 0.0000, 0.0000

Same Dimension

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



173.6910, 25.2953, -40.0710



184.7090, 34.6535, -54.9958



145.5150, 39.1861, -15.3607



106.3630, 2.7790, -4.7034



82.8730, 45.9116, -72.6796



22.4950, 12.5740, -19.7281

Inverse Universe

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



163.7290, 11.4726, 53.7347



171.0010, 15.7755, 73.6671



207.4850, -39.1861, 15.3607



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 173.6910, 25.2953, -40.0710 looks on a white background.

Color Contrast Check

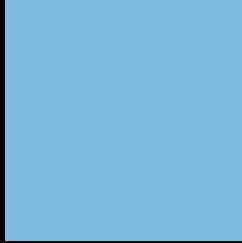
Large Text (above 18pt) WCAG AA × Fail

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 173.6910, 25.2953, -40.0710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

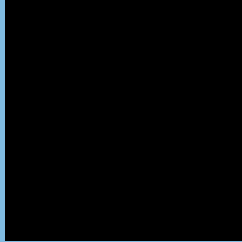
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.6910, 25.2953, -40.0710

Background



This preview shows how black text looks on a background with the YUV color 173.6910, 25.2953, -40.0710.



This preview shows how white text looks on a background with the YUV color 173.6910, 25.2953, -40.0710.

-40.0710.

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

173.6910, 25.2953, -40.0710

Protanopia

179.5810, 18.9406, -8.4025

Deuteranopia

180.3190, 23.0137, -8.1728



Tritanopia

171.7910, 16.8650, -42.7897

Trichromacy



Original Color

173.6910, 25.2953, -40.0710

Protanomaly

177.7860, 21.3045, -19.9833

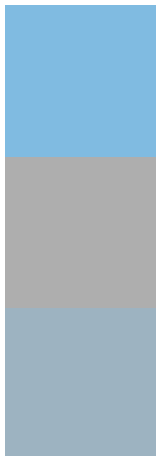
Deuteranomaly

177.7690, 23.7779, -19.9684

Tritanomaly

172.6000, 19.9172, -41.7452

Monochromacy



Original Color

173.6910, 25.2953, -40.0710

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0180, 9.3581, -14.9248

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6910, 25.2953, -40.0710 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(128, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(128, 187, 225)  
}
```

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(128, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 187, 225) }
```

Border

The CSS property to change the border of an element to YUV 173.6910, 25.2953, -40.0710 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(128, 187, 225) }
```


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

```
.border{ border-color:rgb(128, 187, 225) }
```

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

Here you see how a box with a 4 pixel rgb(128, 187, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 187, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 187, 225);  
box-shadow:4px 4px 4px 4px rgb(128, 187,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 173.6910, 25.2953, -40.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 187, 225) }
```

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

```
.background{ background-color: rgb(128,  
187, 225) }
```

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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