

Converting Colors

YUV(173.4950, 25.8850,
-42.5301)

Have a look what the booklet for
YUV(173.4950, 25.8850, -42.5301)
contains.

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Color

**YUV(173.4950, 25.8850,
-42.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBCE2
RGB	125, 188, 226
RGB Percent	49%, 74%, 89%
CMY	0.5098, 0.2627, 0.1137
CMYK	0.45, 0.17, 0.00, 0.11
HSL	203°, 64%, 69%
HSV	203°, 45%, 89%
XYZ	40.1681, 45.8174, 78.6781
YIQ	173.4950, -49.7460, -1.5380

Conversions

Conversions Part 2

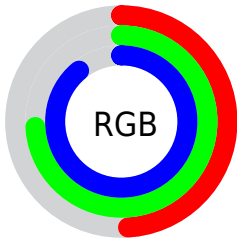
Format	Color
RYB	125, 164, 226
Decimal	8240354
CIELab	73.43, -10.24, -25.29
CIELCh	73, 27.282, 247.950
Yxy	45.8174, 0.2439, 0.2782
Android (android.graphics.Color)	4286430434 (0xFF7DBCE2)
YUV	173.4950, 25.8850, -42.5301
Hunter-Lab	67.6886, -12.5285, -21.5340

Details

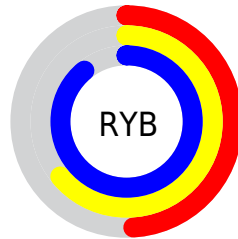
The YUV color **173.4950, 25.8850, -42.5301** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **177.5050, -25.8850, 42.5301**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7160, 13.9440, -39.2159**, and **119.0710, 25.6010, -44.7893** is the 20% darker color. If you saturate the color by 10%, you get **161.3350, 31.8798, -52.0368**, and if you desaturate by 10%, it is **185.6550, 19.8901, -33.0234**.

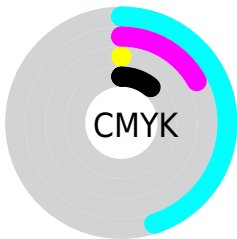
Distribution



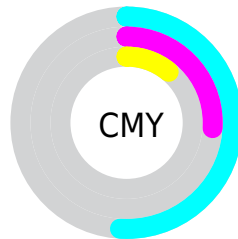
- Red (49%)
- Green (74%)
- Blue (89%)



- Red (49%)
- Yellow (64%)
- Blue (89%)



- Cyan (45%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4950, 25.8850, -42.5301 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 173.4950, 25.8850, -42.5301 by changing the saturation by 10% instead.

■ 173.4950, 25.8850,
-42.5301

■ 173.4950, 25.8850,
-42.5301

255.0000, 0.0000,
0.0000

■ 146.0820, 25.5956,
-43.0449

■ 226.7160, 13.9440,
-39.2159

■ 119.0710, 25.6010,
-44.7893

■ 241.8440, 6.4859,
-27.0502

■ 92.0490, 25.6118,
-48.2780

■ 250.5150, 2.2111,
-9.2217

■ 63.3470, 26.9439,
-55.5553

■ 46.9960, 22.6800,
-41.2155

■ 31.4600, 19.0002,
-27.5904

■ 17.0980, 14.7417,

-14.9949

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 173.4950, 25.8850,
-42.5301

■ 173.4950, 25.8850,
-42.5301

■ 161.3350, 31.8798,
-52.0368

■ 185.6550, 19.8901,
-33.0234

■ 150.0610, 37.4379,
-61.4435

■ 196.9290, 14.3320,
-23.6167

■ 137.9010, 43.4328,
-70.9502

■ 209.0890, 8.3371,
-14.1101

■ 126.6270, 48.9909,
-80.3569

■ 220.3630, 2.7790,
-4.7034

■ 114.4670, 54.9858,
-89.8636

■ 232.5230, -3.2158,
4.8033

■ 108.5310, 57.9122,
-95.1817

■ 242.3020, -8.0369,
11.1361

■ 247.5850,
-10.6414, 6.5030

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



168.9250, 20.2500, -55.1852



173.4950, 25.8850, -42.5301



179.4210, 24.9354, -17.9092

Triad

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



173.4950, 25.8850, -42.5301



183.7000, -4.7821, 40.6051



175.3520, -17.4285, -9.9557

Complementary

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



173.4950, 25.8850, -42.5301



177.5050, -25.8850, 42.5301

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.



178.5890, -23.4614, 11.7614



173.4950, 25.8850, -42.5301



182.5400, -15.5492, 40.7454

Square

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



173.4950, 25.8850, -42.5301



184.8370, 7.4754, 29.0840



180.6390, -22.5000, 30.1346



172.3090, -5.5753, -31.8430

Rectangle

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



173.4950, 25.8850, -42.5301



182.6790, 20.3713, -0.5955



180.6390, -22.5000, 30.1346



176.7120, -20.0710, -2.3784

Sweetspot

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



173.4950, 25.8850, -42.5301



238.0890, 8.3371, -14.1101



188.5050, -13.0670, -55.6939



117.0250, 5.4107, -8.7919



0.0000, 0.0000, 0.0000



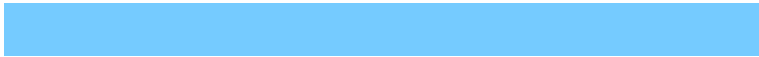
128.0000, 0.0000, 0.0000

Same Dimension

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



173.4950, 25.8850, -42.5301



183.2140, 35.3905, -58.0697



144.1450, 40.3545, -16.7902



106.3630, 2.7790, -4.7034



84.6340, 45.0434, -74.2240



23.0820, 12.2846, -20.2429

Inverse Universe

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



162.3810, 12.6302, 55.7939



168.0660, 17.2225, 76.2411



206.8550, -40.3545, 16.7902



105.0870, 1.4361, 6.0627



65.1640, 22.1041, 97.2032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 173.4950, 25.8850, -42.5301 looks on a white background.

Color Contrast Check

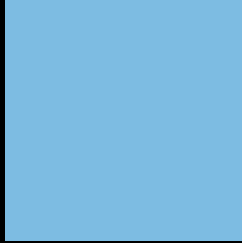
Large Text (above 18pt) WCAG AA × Fail

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 173.4950, 25.8850, -42.5301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

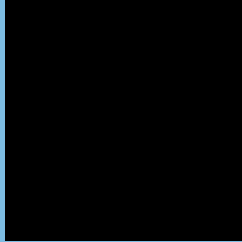
Any Text WCAG AA ✓ Pass

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 173.4950, 25.8850, -42.5301 Background



This preview shows how black text looks on a background with the YUV color 173.4950, 25.8850, -42.5301.



This preview shows how white text looks on a background with the YUV color 173.4950, 25.8850, -42.5301.

-42.5301.

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

173.4950, 25.8850, -42.5301

Protanopia

180.2820, 19.0880, -9.0173

Deuteranopia

180.5470, 23.8873, -8.3727



Tritanopia

171.2960, 17.6021, -45.8636

Trichromacy



Original Color

173.4950, 25.8850, -42.5301

Protanomaly

178.1880, 21.5993, -21.2129

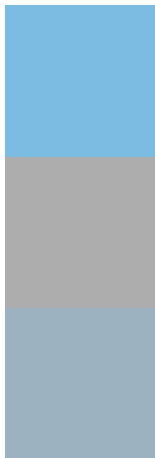
Deuteranomaly

177.6980, 24.7989, -20.7831

Tritanomaly

172.1050, 20.6542, -44.8191

Monochromacy



Original Color

173.4950, 25.8850, -42.5301

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0180, 9.3581, -14.9248

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4950, 25.8850, -42.5301 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(125, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(125, 188, 226)  
}
```

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(125, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 188, 226) }
```

Border

The CSS property to change the border of an element to YUV 173.4950, 25.8850, -42.5301 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(125, 188, 226) }
```


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

```
.border{ border-color:rgb(125, 188, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 188, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 188, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 188, 226);  
box-shadow:4px 4px 4px 4px rgb(125, 188,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 173.4950, 25.8850, -42.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 188, 226) }
```

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

```
.background{ background-color: rgb(125,  
188, 226) }
```

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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