

Converting Colors

YUV(180.9510, 34.0412,
-92.0420)

Have a look what the booklet for
YUV(180.9510, 34.0412, -92.0420)
contains.

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Color

**YUV(180.9510, 34.0412,
-92.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	4CDDFA
RGB	76, 221, 250
RGB Percent	30%, 87%, 98%
CMY	0.7020, 0.1333, 0.0196
CMYK	0.70, 0.12, 0.00, 0.02
HSL	190°, 95%, 64%
HSV	190°, 70%, 98%
XYZ	46.0923, 60.1515, 99.6236
YIQ	180.9510, -95.7290, -21.7210

Conversions

Conversions Part 2

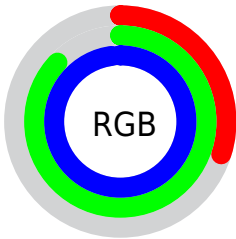
Format	Color
RYB	76, 155, 250
Decimal	5037562
CIELab	81.92, -29.25, -25.33
CIELCh	82, 38.692, 220.900
Yxy	60.1515, 0.2239, 0.2922
Android (android.graphics.Color)	4283227642 (0xFF4CDDFA)
YUV	180.9510, 34.0412, -92.0420
Hunter-Lab	77.5574, -29.6432, -21.8686

Details

The YUV color **180.9510, 34.0412, -92.0420** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **145.0490, -34.0412, 92.0420**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **119.4440, 36.2631, -104.7524** is the 20% darker color. If you saturate the color by 10%, you get **171.1280, 38.8839, -105.3523**, and if you desaturate by 10%, it is **190.7740, 29.1984, -78.7318**.

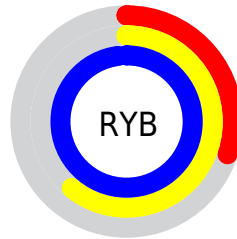
Distribution



Red (30%)

Green (87%)

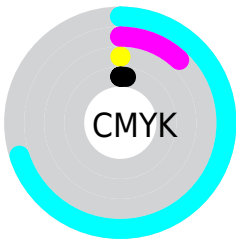
Blue (98%)



Red (30%)

Yellow (61%)

Blue (98%)

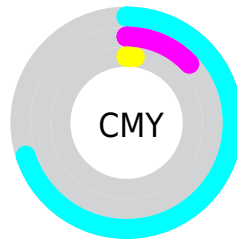


Cyan (70%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9510, 34.0412, -92.0420 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 180.9510, 34.0412, -92.0420 by changing the saturation by 10% instead.

180.9510, 34.0412,
-92.0420

180.9510, 34.0412,
-92.0420

255.0000, 0.0000,
0.0000

145.6610, 37.1421,
-106.6967

222.1100, 16.2148,
-67.6255

119.4440, 36.2631,
-104.7524

231.6780, 11.4977,
-47.9526

100.5170, 32.2831,
-88.1534

240.9470, 6.9281,
-28.8945

82.2910, 28.4505,
-72.1692

250.2160, 2.3585,
-9.8364

64.6520, 24.3286,
-56.6998

47.8280, 20.7908,
-41.9452

32.1780, 16.6742,

-28.2201

■ 14.4080, 14.5889,
-12.6358

■ 3.2090, 9.7570,
-2.8143

■ 180.9510, 34.0412,
-92.0420

■ 180.9510, 34.0412,
-92.0420

■ 171.1280, 38.8839,
-105.3523

■ 190.7740, 29.1984,
-78.7318

■ 161.3050, 43.7266,
-118.6625

■ 200.5970, 24.3557,
-65.4216

■ 150.8950, 48.8588,
-131.4579

■ 210.4200, 19.5129,
-52.1113

■ 150.5960, 49.0062,
-132.0727

■ 220.8300, 14.3808,
-39.3159

230.6530, 9.5381,
-26.0057

240.4760, 4.6953,
-12.6955

250.2990, -0.1474,
0.6148

253.8430, -1.8946,
1.0147

254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



182.7230, 16.4056, -82.1951



180.9510, 34.0412, -92.0420



189.6710, 32.2072, -63.7325

Triad

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



180.9510, 34.0412, -92.0420



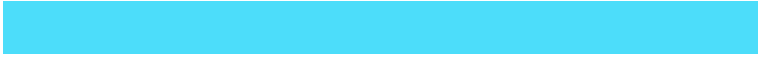
207.3100, 10.2002, 41.8241



200.2550, -33.6497, 12.9314

Complementary

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



180.9510, 34.0412, -92.0420



145.0490, -34.0412, 92.0420

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.



202.9470, -33.0049, 39.5115



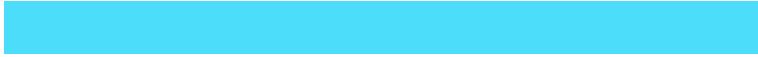
180.9510, 34.0412, -92.0420



201.4450, -4.6564, 46.9677

Square

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



180.9510, 34.0412, -92.0420



207.8750, 23.2326, 15.0186



201.0910, -21.2439, 47.2782



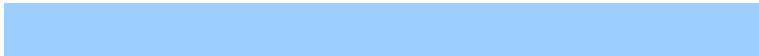
195.9890, -23.6586, -18.4074

Rectangle

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



180.9510, 34.0412, -92.0420



196.9240, 28.6315, -36.7673



201.0910, -21.2439, 47.2782



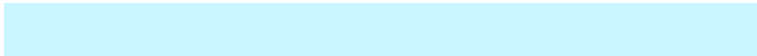
201.3810, -34.6978, 22.4679

Sweetspot

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



180.9510, 34.0412, -92.0420



233.5710, 10.5645, -28.5648



181.4440, -37.6869, -92.4744



114.9100, 6.4534, -16.5841



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.



180.9510, 34.0412, -92.0420



169.8820, 41.9632, -113.0295



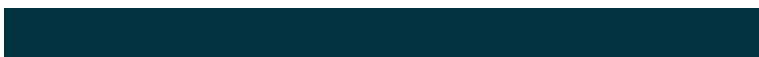
129.8820, 59.2182, -47.2545



119.9390, 2.4951, -6.9625



113.7050, 37.1204, -99.7193



36.8910, 11.8857, -32.3534

Inverse Universe

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



144.5560, 37.6869, 92.4744



125.2780, 46.2049, 113.7662



196.1180, -59.2182, 47.2545



117.1410, 2.8885, 6.8923



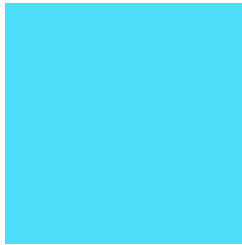
74.4090, 40.7174, 100.4963



24.0530, 13.2849, 32.4025

Previews

White Background



This preview shows how the YUV color 180.9510, 34.0412, -92.0420 looks on a white background.

Color Contrast Check

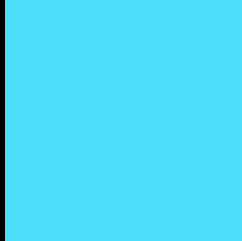
Large Text (above 18pt) WCAG AA × Fail

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 180.9510, 34.0412, -92.0420 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 180.9510, 34.0412, -92.0420 Background



This preview shows how black text looks on a background with the YUV color 180.9510, 34.0412, -92.0420.



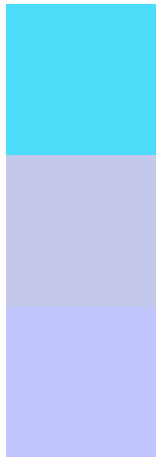
This preview shows how white text looks on a background with the YUV color 180.9510, 34.0412, -92.0420.

-92.0420.

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

180.9510, 34.0412, -92.0420

Protanopia

202.6090, 16.4618, -6.6731

Deuteranopia

203.3020, 25.4871, -8.1579



Tritanopia

179.3050, 30.4156, -95.8605

Trichromacy



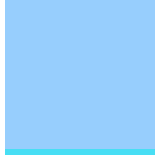
Original Color

180.9510, 34.0412, -92.0420



Protanomaly

195.0180, 22.6691, -37.7268



Deuteranomaly

194.9130, 28.6369, -38.5117



Tritanomaly

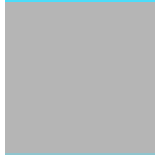
179.6580, 31.7206, -94.4161

Monochromacy



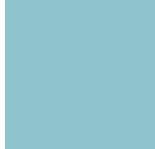
Original Color

180.9510, 34.0412, -92.0420



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.2930, 12.1806, -33.5830

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9510, 34.0412, -92.0420 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(76, 221, 250)` looks like.

```
.text, #text, p{  
    color:rgb(76, 221, 250)  
}
```

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(76, 221, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 221, 250) }
```

Border

The CSS property to change the border of an element to YUV 180.9510, 34.0412, -92.0420 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(76, 221, 250) }
```


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

```
.border{ border-color:rgb(76, 221, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 221, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 221, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 221, 250);  
box-shadow:4px 4px 4px 4px rgb(76, 221,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 180.9510, 34.0412, -92.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 221, 250) }
```

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

```
.background{ background-color: rgb(76, 221,  
250) }
```

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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