

Converting Colors

YUV(182.4920, 20.4634,
-30.2495)

Have a look what the booklet for
YUV(182.4920, 20.4634, -30.2495)
contains.

YUV(182.4920, 20.4634, -30.2495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(182.4920, 20.4634,
-30.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	94C0E0
RGB	148, 192, 224
RGB Percent	58%, 75%, 88%
CMY	0.4196, 0.2471, 0.1216
CMYK	0.34, 0.14, 0.00, 0.12
HSL	205°, 55%, 73%
HSV	205°, 34%, 88%
XYZ	44.5169, 49.3770, 77.7054
YIQ	182.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

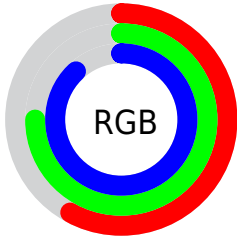
Format	Color
R _Y B	148, 176, 224
Decimal	9748704
CIE Lab	75.69, -6.90, -20.65
CIE LCh	76, 21.772, 251.532
Yxy	49.3770, 0.2594, 0.2877
Android (android.graphics.Color)	4287938784 (0xFF94C0E0)
YUV	182.4920, 20.4634, -30.2495
Hunter-Lab	70.2688, -9.8864, -16.3766

Details

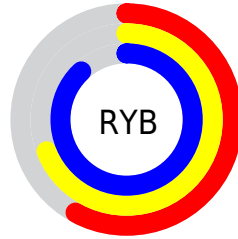
The YUV color **182.4920, 20.4634, -30.2495** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **189.5080, -20.4634, 30.2495**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6420, 9.5435, -27.7500**, and **128.9650, 19.7373, -30.6643** is the 20% darker color. If you saturate the color by 10%, you get **170.6310, 26.3109, -39.1414**, and if you desaturate by 10%, it is **194.3530, 14.6160, -21.3576**.

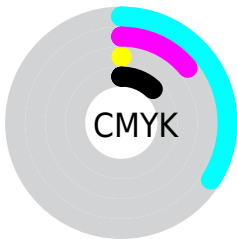
Distribution



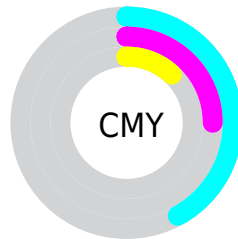
- Red (58%)
- Green (75%)
- Blue (88%)



- Red (58%)
- Yellow (69%)
- Blue (88%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (42%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.4920, 20.4634, -30.2495 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 182.4920, 20.4634, -30.2495 by changing the saturation by 10% instead.

■ 182.4920, 20.4634,
-30.2495

■ 182.4920, 20.4634,
-30.2495

255.0000, 0.0000,
0.0000

■ 155.3780, 20.0266,
-30.1495

■ 235.6420, 9.5435,
-27.7500

■ 128.9650, 19.7373,
-30.6643

■ 248.4220, 3.2430,
-13.5251

■ 102.8510, 19.3005,
-30.5643

■ 77.8400, 19.3059,
-32.3087

■ 50.7360, 20.3432,
-38.3565

■ 32.9930, 17.2585,
-28.9349

■ 18.7450, 13.4367,

-16.4394

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 182.4920, 20.4634,
-30.2495

■ 182.4920, 20.4634,
-30.2495

■ 170.6310, 26.3109,
-39.1414

■ 194.3530, 14.6160,
-21.3576

■ 157.8840, 32.5952,
-48.1333

■ 207.1000, 8.3317,
-12.3657

■ 146.0230, 38.4427,
-57.0252

■ 218.9610, 2.4842,
-3.4738

■ 133.2760, 44.7269,
-66.0171

■ 231.7080, -3.8000,
5.5181

■ 121.4150, 50.5744,
-74.9090

■ 242.0740, -8.9105,
11.3361

■ 108.9670, 56.7113,
-83.2861

■ 247.9440,
-11.8044, 6.1881

■ 101.8460, 60.2219,
-89.3189

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



178.9870, 16.2754, -40.3306



182.4920, 20.4634, -30.2495



186.9720, 19.2408, -11.3764

Triad

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



182.4920, 20.4634, -30.2495



189.5420, -5.1972, 33.7277



182.2040, -12.9186, -9.8259

Complementary

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



182.4920, 20.4634, -30.2495



189.5080, -20.4634, 30.2495

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.



185.1200, -18.7932, 7.7878



182.4920, 20.4634, -30.2495



188.6530, -13.6329, 32.7533

Square

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



182.4920, 20.4634, -30.2495



190.4190, 4.7234, 25.0655



186.9200, -18.6946, 22.8722



179.9120, -3.4076, -27.1098

Rectangle

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



182.4920, 20.4634, -30.2495



188.5500, 15.9978, 2.1486



186.9200, -18.6946, 22.8722



183.5530, -15.5556, -3.9930

Sweetspot

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



182.4920, 20.4634, -30.2495



241.0680, 6.8685, -9.7066



196.2600, -8.0162, -42.3240



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



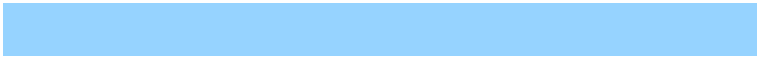
128.0000, 0.0000, 0.0000

Same Dimension

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



182.4920, 20.4634, -30.2495



197.7770, 28.2109, -41.9004



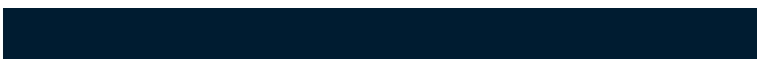
160.1860, 31.4603, -10.6871



105.7760, 3.0684, -4.1886



79.9380, 47.3586, -70.1056



21.9080, 12.8634, -19.2133

Inverse Universe

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



175.7400, 8.0162, 42.3240



188.3490, 11.1669, 58.4529



211.8140, -31.4603, 10.6871



104.9730, 0.9993, 6.1627



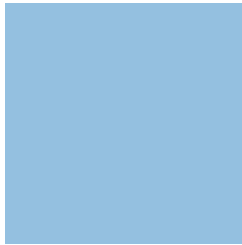
64.2520, 18.6098, 98.0030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 182.4920, 20.4634, -30.2495 looks on a white background.

Color Contrast Check

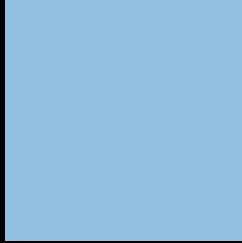
Large Text (above 18pt) WCAG AA × Fail

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 182.4920, 20.4634, -30.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

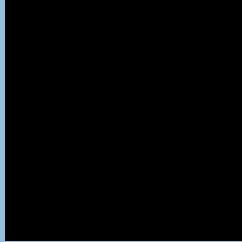
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 182.4920, 20.4634, -30.2495

Background



This preview shows how black text looks on a background with the YUV color 182.4920, 20.4634, -30.2495.



This preview shows how white text looks on a background with the YUV color 182.4920, 20.4634, -30.2495.

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

182.4920, 20.4634, -30.2495

Protanopia

186.4950, 16.0250, -6.5731

Deuteranopia

187.6140, 18.9243, -3.1695



Tritanopia

181.1730, 14.2117, -31.7237

Trichromacy



Original Color

182.4920, 20.4634, -30.2495

Protanomaly

185.1950, 17.6519, -15.0800

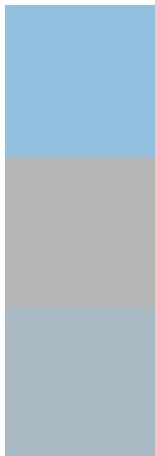
Deuteranomaly

185.9610, 19.2462, -13.1208

Tritanomaly

181.4550, 16.5377, -31.0940

Monochromacy



Original Color

182.4920, 20.4634, -30.2495

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.4700, 7.1633, -10.9362

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.4920, 20.4634, -30.2495 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(148, 192, 224)` looks like.

```
.text, #text, p{  
    color:rgb(148, 192, 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(148, 192, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 192, 224) }
```

Border

The CSS property to change the border of an element to YUV 182.4920, 20.4634, -30.2495 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(148, 192, 224) }
```


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

```
.border{ border-color:rgb(148, 192, 224) }
```

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

Here you see how a box with a 4 pixel rgb(148, 192, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 192, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 192, 224);  
box-shadow:4px 4px 4px 4px rgb(148, 192,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 182.4920, 20.4634, -30.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 192, 224) }
```

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

```
.background{ background-color: rgb(148,  
192, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor