

Converting Colors

YUV(193.4170, 23.9514,
-75.7877)

Have a look what the booklet for
YUV(193.4170, 23.9514, -75.7877)
contains.

YUV(193.4170, 23.9514, -75.7877)	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(193.4170, 23.9514,
-75.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	6BE4F2
RGB	107, 228, 242
RGB Percent	42%, 89%, 95%
CMY	0.5804, 0.1059, 0.0510
CMYK	0.56, 0.06, 0.00, 0.05
HSL	186°, 84%, 68%
HSV	186°, 56%, 95%
XYZ	49.8338, 65.0234, 93.9287
YIQ	193.4170, -76.6100, -21.2980

Conversions

Conversions Part 2

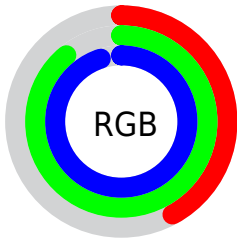
Format	Color
R _Y B	107, 171, 242
Decimal	7070962
CIE Lab	84.50, -29.99, -17.12
CIE LCh	84, 34.535, 209.720
Yxy	65.0234, 0.2387, 0.3114
Android (android.graphics.Color)	4285261042 (0xFF6BE4F2)
YUV	193.4170, 23.9514, -75.7877
Hunter-Lab	80.6371, -30.8017, -12.6169

Details

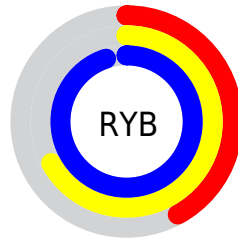
The YUV color **193.4170, 23.9514, -75.7877** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **155.5830, -23.9514, 75.7877**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9870, 12.8244, -53.4856**, and **131.4370, 26.8996, -88.0832** is the 20% darker color. If you saturate the color by 10%, you get **184.4800, 28.3574, -88.9980**, and if you desaturate by 10%, it is **202.3540, 19.5455, -62.5775**.

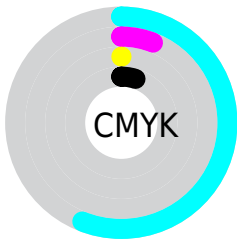
Distribution



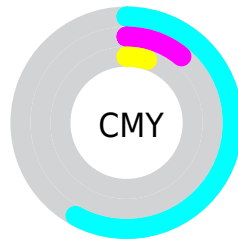
- Red (42%)
- Green (89%)
- Blue (95%)



- Red (42%)
- Yellow (67%)
- Blue (95%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (58%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4170, 23.9514, -75.7877 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 193.4170, 23.9514, -75.7877 by changing the saturation by 10% instead.

193.4170, 23.9514,
-75.7877

193.4170, 23.9514,
-75.7877

255.0000, 0.0000,
0.0000

163.9220, 24.6885,
-78.8616

228.9870, 12.8244,
-53.4856

131.4370, 26.8996,
-88.0832

238.2560, 8.2548,
-34.4275

103.2410, 27.4892,
-90.5424

247.2260, 3.8326,
-15.9842

85.0150, 23.6566,
-74.5582

67.4900, 19.9714,
-59.1887

50.5520, 15.9969,
-44.3341

34.4290, 12.6065,

-30.1942

■ 19.5940, 9.0742,
-17.1839

■ 2.5250, 7.1362,
-2.2144

■ 193.4170, 23.9514,
-75.7877

■ 193.4170, 23.9514,
-75.7877

■ 184.4800, 28.3574,
-88.9980

■ 202.3540, 19.5455,
-62.5775

■ 176.1300, 32.4739,
-102.7230

■ 210.7040, 15.4289,
-48.8524

■ 166.8940, 37.0273,
-116.5480

■ 219.9400, 10.8756,
-35.0274

■ 158.5440, 41.1438,
-130.2731

■ 228.2900, 6.7590,
-21.3023

■ 154.9670, 42.9073,
-135.9061

■ 237.2270, 2.3531,
-8.0921

■ 245.5770, -1.7635,
5.6330

■ 248.2350, -3.0739,
5.9329

■ 249.4090, -3.6526,
4.9033

■ 251.1700, -4.5208,
3.3589

Harmonies

Analogous

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



195.9230, 6.4470, -61.3225



193.4170, 23.9514, -75.7877



197.0470, 28.5708, -64.0622

Triad

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



193.4170, 23.9514, -75.7877



215.8680, 13.8691, 31.6878



209.2930, -31.2034, 21.6680

Complementary

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



193.4170, 23.9514, -75.7877



155.5830, -23.9514, 75.7877

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.



210.2550, -26.7477, 39.2414



193.4170, 23.9514, -75.7877



210.1820, 0.8963, 39.3054

Square

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



193.4170, 23.9514, -75.7877



212.5160, 20.9446, 2.1785



207.7080, -13.6600, 41.4751



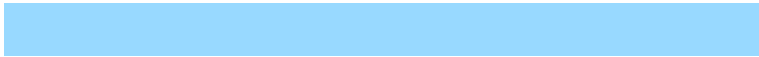
205.9090, -25.5911, -5.1822

Rectangle

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



193.4170, 23.9514, -75.7877



201.8970, 26.1798, -43.7597



207.7080, -13.6600, 41.4751



210.0490, -31.0832, 29.7750

Sweetspot

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



193.4170, 23.9514, -75.7877



239.7950, 7.4961, -24.3762



187.7270, -33.3894, -70.7976



118.4650, 4.7008, -14.4398



0.0000, 0.0000, 0.0000



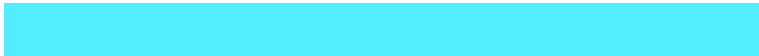
128.0000, 0.0000, 0.0000

Same Dimension

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



193.4170, 23.9514, -75.7877



193.3050, 30.4156, -95.8605



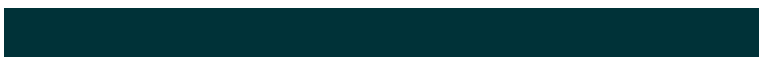
154.0880, 43.3406, -41.2962



115.8250, 2.0583, -6.8625



117.8310, 32.6213, -103.3378



35.7340, 9.9911, -31.3387

Inverse Universe

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



161.1590, 32.9526, 70.8976



152.5710, 41.6235, 89.8302



194.9120, -43.3406, 41.2962



112.8420, 3.0359, 6.2776



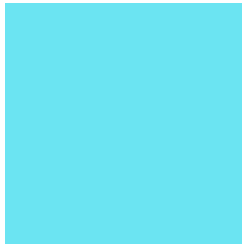
73.8260, 44.9488, 96.6226



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 193.4170, 23.9514, -75.7877 looks on a white background.

Color Contrast Check

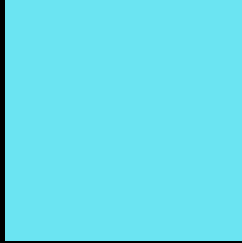
Large Text (above 18pt) WCAG AA × Fail

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 193.4170, 23.9514, -75.7877 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 193.4170, 23.9514, -75.7877

Background



This preview shows how black text looks on a background with the YUV color 193.4170, 23.9514, -75.7877.



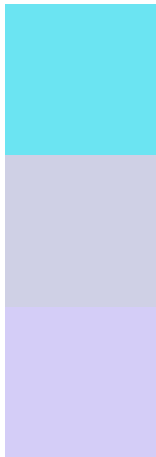
This preview shows how white text looks on a background with the YUV color 193.4170, 23.9514, -75.7877.

-75.7877.

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

193.4170, 23.9514, -75.7877

Protanopia

210.0950, 9.3202, -2.7143

Deuteranopia

211.8810, 17.3137, 0.1044



Tritanopia

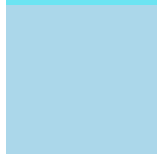
193.5850, 25.8406, -75.0580

Trichromacy



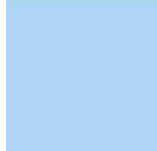
Original Color

193.4170, 23.9514, -75.7877



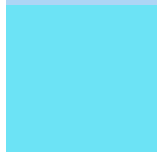
Protanomaly

204.0100, 14.7851, -28.9498



Deuteranomaly

204.9870, 19.7264, -27.1756



Tritanomaly

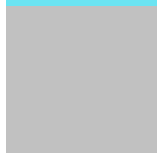
193.4710, 25.4038, -74.9581

Monochromacy



Original Color

193.4170, 23.9514, -75.7877



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.4140, 8.6699, -27.5501

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4170, 23.9514, -75.7877 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(107, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(107, 228, 242)  
}
```

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(107, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 228, 242) }
```

Border

The CSS property to change the border of an element to YUV 193.4170, 23.9514, -75.7877 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(107, 228, 242) }
```


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

```
.border{ border-color:rgb(107, 228, 242) }
```

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

Here you see how a box with a 4 pixel rgb(107, 228, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(107, 228,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 193.4170, 23.9514, -75.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 228, 242) }
```

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

```
.background{ background-color: rgb(107,  
228, 242) }
```

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