

Converting Colors

YUV(190.0630, 17.7169,
-36.0123)

Have a look what the booklet for
YUV(190.0630, 17.7169, -36.0123)
contains.

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Color

**YUV(190.0630, 17.7169,
-36.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	95CCE2
RGB	149, 204, 226
RGB Percent	58%, 80%, 89%
CMY	0.4157, 0.2000, 0.1137
CMYK	0.34, 0.10, 0.00, 0.11
HSL	197°, 57%, 74%
HSV	197°, 34%, 89%
XYZ	47.7148, 55.0663, 80.0655
YIQ	190.0630, -39.8420, -4.8180

Conversions

Conversions Part 2

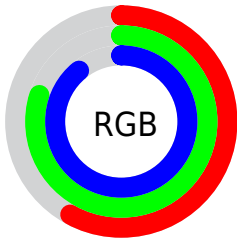
Format	Color
R_{YB}	149, 181, 226
Decimal	9817314
CIE _{Lab}	79.08, -12.44, -16.59
CIE _{LCh}	79, 20.738, 233.128
Yxy	55.0663, 0.2610, 0.3012
Android (android.graphics.Color)	4288007394 (0xFF95CCE2)
YUV	190.0630, 17.7169, -36.0123
Hunter-Lab	74.2067, -15.0864, -12.0265

Details

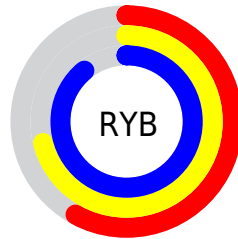
The YUV color $190.0630, 17.7169, -36.0123$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $184.9370, -17.7169, 36.0123$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.0500, 7.3704, -30.7388$, and $135.9490, 17.2801, -35.9123$ is the 20% darker color. If you saturate the color by 10%, you get $179.6640, 22.8436, -47.0633$, and if you desaturate by 10%, it is $200.4620, 12.5902, -24.9612$.

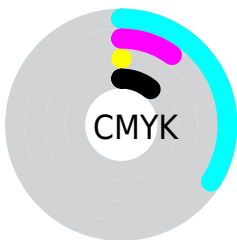
Distribution



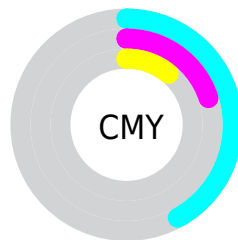
- Red (58%)
- Green (80%)
- Blue (89%)



- Red (58%)
- Yellow (71%)
- Blue (89%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0630, 17.7169, -36.0123 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 190.0630, 17.7169, -36.0123 by changing the saturation by 10% instead.

■ 190.0630, 17.7169,
-36.0123

■ 190.0630, 17.7169,
-36.0123

■ 255.0000, 0.0000,
0.0000

■ 162.9490, 17.2801,
-35.9123

■ 240.0500, 7.3704,
-30.7388

■ 135.9490, 17.2801,
-35.9123

■ 248.7210, 3.0955,
-12.9103

■ 109.5360, 16.9908,
-36.4271

■ 83.8240, 16.8488,
-37.5566

■ 55.9370, 18.7651,
-45.5487

■ 38.5040, 15.5275,
-33.7680

■ 23.6690, 11.9952,

-20.7577

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 190.0630, 17.7169,
-36.0123

■ 190.0630, 17.7169,
-36.0123

■ 179.6640, 22.8436,
-47.0633

■ 200.4620, 12.5902,
-24.9612

■ 168.9770, 28.1123,
-56.9848

■ 211.1490, 7.3215,
-15.0397

■ 158.5780, 33.2390,
-68.0359

■ 221.5480, 2.1948,
-3.9886

■ 147.8910, 38.5077,
-77.9574

■ 232.2350, -3.0739,
5.9329

■ 137.4920, 43.6344,
-89.0085

■ 240.5410, -7.1687,
12.6805

■ 126.5060, 49.0505,
-99.5448

■ 244.6500, -9.1944,
9.0770

■ 120.2710, 52.1244,
-105.4777

■ 248.1720,
-10.9308, 5.9882

■ 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.



188.5050, 10.5970, -39.0309



190.0630, 17.7169, -36.0123



193.7210, 19.8575, -22.5573

Triad

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



190.0630, 17.7169, -36.0123



199.7030, 0.6394, 28.3245



193.3580, -16.4455, 1.4400

Complementary

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



190.0630, 17.7169, -36.0123



184.9370, -17.7169, 36.0123

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.



195.5880, -18.5309, 17.0243



190.0630, 17.7169, -36.0123



198.7330, -8.2494, 32.6832

Square

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



190.0630, 17.7169, -36.0123



199.0310, 9.8447, 15.7588



197.4630, -15.5113, 28.5349



191.0830, -9.4079, -15.8588

Rectangle

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



190.0630, 17.7169, -36.0123



196.3420, 18.0724, -9.9469



197.4630, -15.5113, 28.5349



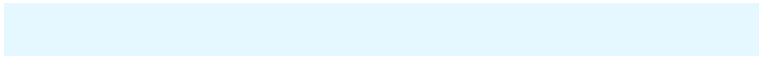
194.0490, -17.7722, 6.9730

Sweetspot

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



190.0630, 17.7169, -36.0123



243.4160, 5.7109, -11.7658



196.7070, -12.6736, -41.8390



120.2810, 3.8055, -7.2624



0.0000, 0.0000, 0.0000



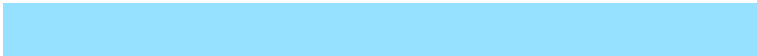
128.0000, 0.0000, 0.0000

Same Dimension

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



190.0630, 17.7169, -36.0123



205.9950, 24.1595, -49.1076



167.7570, 28.7138, -16.4499



106.9500, 2.4897, -5.2181



94.0260, 40.4132, -82.4608



26.0170, 10.8376, -22.8169

Inverse Universe

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



178.2930, 12.6736, 41.8390



189.9450, 17.2821, 57.0532



207.2430, -28.7138, 16.4499



105.2010, 1.8729, 5.9627



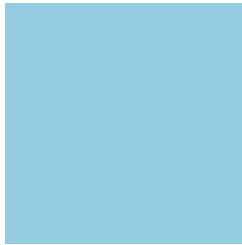
66.9880, 29.0929, 95.6035



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 190.0630, 17.7169, -36.0123 looks on a white background.

Color Contrast Check

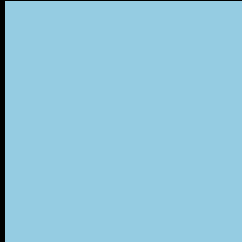
Large Text (above 18pt) WCAG AA × Fail

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 190.0630, 17.7169, -36.0123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

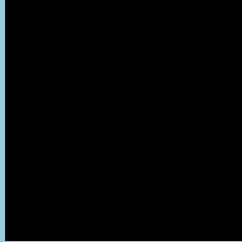
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0630, 17.7169, -36.0123

Background



This preview shows how black text looks on a background with the YUV color 190.0630, 17.7169, -36.0123.



This preview shows how white text looks on a background with the YUV color 190.0630, 17.7169, -36.0123.

-36.0123.

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

190.0630, 17.7169, -36.0123

Protanopia

195.9530, 11.3622, -4.3438

Deuteranopia

197.4250, 15.5665, 0.5043



Tritanopia

189.7810, 15.3910, -36.6419

Trichromacy



Original Color

190.0630, 17.7169, -36.0123

Protanomaly

194.1580, 13.7261, -15.9246

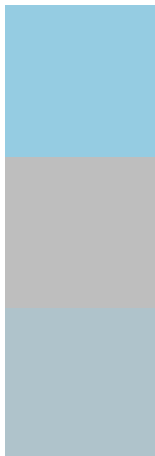
Deuteranomaly

194.8640, 16.3360, -13.0357

Tritanomaly

190.0090, 16.2646, -36.8419

Monochromacy



Original Color

190.0630, 17.7169, -36.0123

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0630, 17.7169, -36.0123 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(149, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(149, 204, 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(149, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 204, 226) }
```

Border

The CSS property to change the border of an element to YUV 190.0630, 17.7169, -36.0123 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(149, 204, 226) }
```


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

```
.border{ border-color:rgb(149, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 204, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 204, 226); box-shadow:4px 4px 4px 4px rgb(149, 204, 226) }
```

Background

The CSS property to change the background color of an element to YUV 190.0630, 17.7169, -36.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 204, 226) }
```

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

```
.background{ background-color: rgb(149,  
204, 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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