

Converting Colors

YUV(195.1650, 29.4987,
-81.7057)

Have a look what the booklet for
YUV(195.1650, 29.4987, -81.7057)
contains.

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Color

**YUV(195.1650, 29.4987,
-81.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	66E7FF
RGB	102, 231, 255
RGB Percent	40%, 91%, 100%
CMY	0.6000, 0.0941, 0.0000
CMYK	0.60, 0.09, 0.00, 0.00
HSL	189°, 100%, 70%
HSV	189°, 60%, 100%
XYZ	52.1054, 67.1966, 104.8317
YIQ	195.1650, -84.5880, -19.8840

Conversions

Conversions Part 2

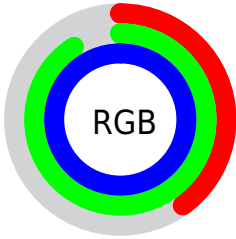
Format	Color
RYB	102, 172, 255
Decimal	6744063
CIELab	85.60, -28.73, -22.31
CIElCh	86, 36.375, 217.831
Yxy	67.1966, 0.2325, 0.2998
Android (android.graphics.Color)	4284934143 (0xFF66E7FF)
YUV	195.1650, 29.4987, -81.7057
Hunter-Lab	81.9735, -29.9925, -18.4415

Details

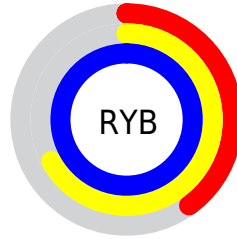
The YUV color **195.1650, 29.4987, -81.7057** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **161.8350, -29.4987, 81.7057**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **126.4930, 35.2530, -107.4264** is the 20% darker color. If you saturate the color by 10%, you get **185.3420, 34.3414, -95.0159**, and if you desaturate by 10%, it is **205.2870, 24.5085, -67.7807**.

Distribution



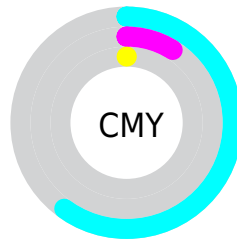
- Red (40%)
- Green (91%)
- Blue (100%)



- Red (40%)
- Yellow (67%)
- Blue (100%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.1650, 29.4987, -81.7057 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 195.1650, 29.4987, -81.7057 by changing the saturation by 10% instead.

195.1650, 29.4987,
-81.7057

195.1650, 29.4987,
-81.7057

255.0000, 0.0000,
0.0000

164.6590, 30.2411,
-86.5239

228.0900, 13.2666,
-55.3299

126.4930, 35.2530,
-107.4264

237.3590, 8.6970,
-36.2718

106.3700, 31.8626,
-93.2865

246.6280, 4.1274,
-17.2138

88.0300, 27.5932,
-77.2023

70.5050, 23.9080,
-61.8329

53.5670, 19.9335,
-46.9783

37.3300, 16.1063,

-32.7384

■ 23.0820, 12.2846,
-20.2429

■ 3.6650, 11.5042,
-3.2142

■ 195.1650, 29.4987,
-81.7057

■ 195.1650, 29.4987,
-81.7057

■ 185.3420, 34.3414,
-95.0159

■ 205.2870, 24.5085,
-67.7807

■ 175.2200, 39.3315,
-108.9409

■ 215.1100, 19.6658,
-54.4705

■ 165.0980, 44.3217,
-122.8659

■ 225.2320, 14.6756,
-40.5455

■ 155.2750, 49.1644,
-136.1762

■ 235.0550, 9.8329,
-27.2352

■ 245.1770, 4.8427,
-13.3102

255.0000, 0.0000,
0.0000

Harmonies

Analogous

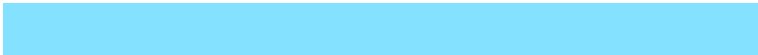
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196.4640, 12.5892, -71.4439



195.1650, 29.4987, -81.7057



200.6130, 26.8128, -60.1736

Triad

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



195.1650, 29.4987, -81.7057



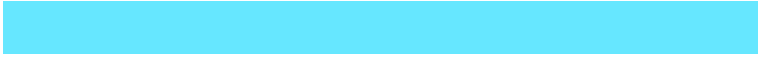
216.4230, 12.1165, 33.8320



211.2060, -32.6396, 15.6053

Complementary

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



195.1650, 29.4987, -81.7057



161.8350, -29.4987, 81.7057

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.



212.6200, -30.3787, 37.1673



195.1650, 29.4987, -81.7057



210.0850, -2.0139, 39.3905

Square

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



195.1650, 29.4987, -81.7057



216.4140, 19.0229, 11.9149



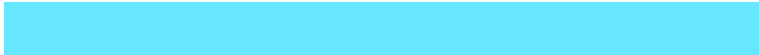
209.2580, -17.8752, 40.1157



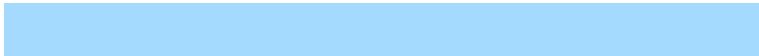
207.3100, -23.8168, -14.3039

Rectangle

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



195.1650, 29.4987, -81.7057



206.3710, 23.9741, -36.2824



209.2580, -17.8752, 40.1157



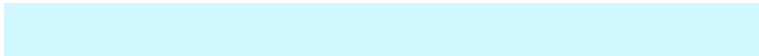
212.1470, -33.1035, 24.4271

Sweetspot

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



195.1650, 29.4987, -81.7057



237.1370, 8.8065, -24.6761



194.4330, -34.2305, -81.0637



116.3940, 5.7218, -15.2545



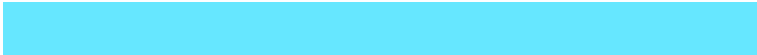
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



195.1650, 29.4987, -81.7057



182.9610, 35.5152, -98.1898



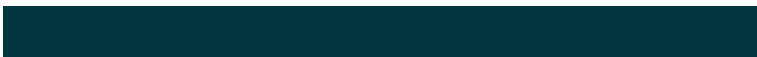
151.1400, 51.2030, -43.0958



122.9390, 2.4951, -6.9625



116.2810, 36.8365, -101.9784



38.9940, 12.3280, -34.1977

Inverse Universe

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



162.4530, 33.7937, 81.1637



143.6860, 40.5808, 97.6224



205.8600, -51.2030, 43.0958



120.1410, 2.8885, 6.8923



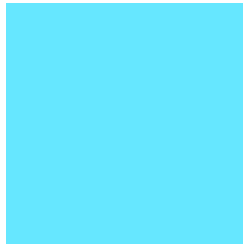
75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 195.1650, 29.4987, -81.7057 looks on a white background.

Color Contrast Check

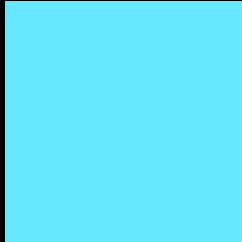
Large Text (above 18pt) WCAG AA × Fail

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 195.1650, 29.4987, -81.7057 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 195.1650, 29.4987, -81.7057

Background



This preview shows how black text looks on a background with the YUV color 195.1650, 29.4987, -81.7057.

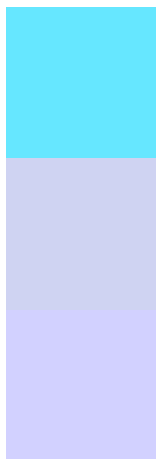


This preview shows how white text looks on a background with the YUV color 195.1650, 29.4987, -81.7057.

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

195.1650, 29.4987, -81.7057

Protanopia

213.3380, 14.1304, -5.5584

Deuteranopia

214.5430, 19.9453, -3.9842



Tritanopia

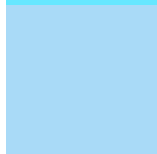
194.6980, 27.7569, -83.0501

Trichromacy



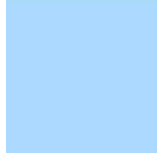
Original Color

195.1650, 29.4987, -81.7057



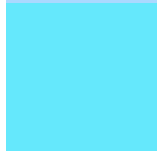
Protanomaly

206.6550, 19.8901, -33.0234



Deuteranomaly

207.5780, 23.3790, -32.0789



Tritanomaly

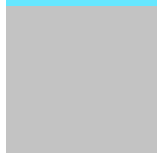
195.1110, 28.0463, -82.5353

Monochromacy



Original Color

195.1650, 29.4987, -81.7057



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9730, 10.8593, -29.7943

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.1650, 29.4987, -81.7057 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(102, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 231, 255)  
}
```

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(102, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 231, 255) }
```

Border

The CSS property to change the border of an element to YUV 195.1650, 29.4987, -81.7057 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(102, 231, 255) }
```


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

```
.border{ border-color:rgb(102, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 231,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 195.1650, 29.4987, -81.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 231, 255) }
```

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

```
.background{ background-color: rgb(102,  
231, 255) }
```

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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