

Converting Colors

YUV(196.9240, 28.6315,
-36.7673)

Have a look what the booklet for
YUV(196.9240, 28.6315, -36.7673)
contains.

YUV(196.9240, 28.6315, -36.7673)	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(196.9240, 28.6315,
-36.7673)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCFFF
RGB	155, 207, 255
RGB Percent	61%, 81%, 100%
CMY	0.3922, 0.1882, 0.0000
CMYK	0.39, 0.19, 0.00, 0.00
HSL	209°, 100%, 80%
HSV	209°, 39%, 100%
XYZ	53.8804, 58.8142, 103.1202
YIQ	196.9240, -46.4000, 3.9040

Conversions

Conversions Part 2

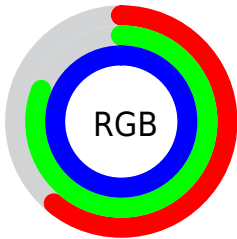
Format	Color
R_{YB}	155, 189, 255
Decimal	10211327
CIE _{Lab}	81.19, -5.11, -28.84
CIE _{LCh}	81, 29.289, 259.952
Yxy	58.8142, 0.2497, 0.2725
Android (android.graphics.Color)	4288401407 (0xFF9BCFFF)
YUV	196.9240, 28.6315, -36.7673
Hunter-Lab	76.6904, -8.7995, -26.0398

Details

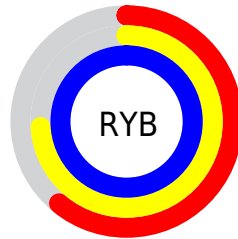
The YUV color **196.9240, 28.6315, -36.7673** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **213.0760, -28.6315, 36.7673**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **141.9840, 27.6159, -37.6970** is the 20% darker color. If you saturate the color by 10%, you get **182.4050, 35.7893, -45.9592**, and if you desaturate by 10%, it is **211.4430, 21.4736, -27.5755**.

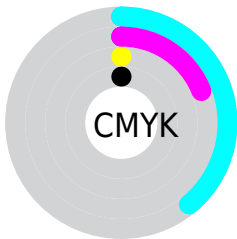
Distribution



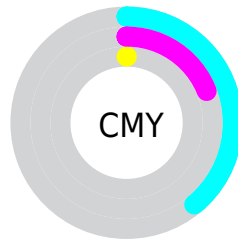
- Red (61%)
- Green (81%)
- Blue (100%)



- Red (61%)
- Yellow (74%)
- Blue (100%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9240, 28.6315, -36.7673 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 196.9240, 28.6315, -36.7673 by changing the saturation by 10% instead.

■ 196.9240, 28.6315,
-36.7673

■ 196.9240, 28.6315,
-36.7673

255.0000, 0.0000,
0.0000

■ 169.3970, 27.9053,
-37.1822

■ 242.1430, 6.3385,
-26.4354

■ 141.9840, 27.6159,
-37.6970

■ 251.1130, 1.9163,
-7.9921

■ 115.2720, 27.4739,
-38.8265

■ 88.5490, 27.3373,
-41.7005

■ 59.2380, 28.9697,
-51.9517

■ 42.8870, 24.7057,
-37.6119

■ 27.9380, 20.7366,

-24.5016

■ 12.4020, 17.0568,
-10.8766

■ 3.5510, 11.0674,
-3.1142

■ 196.9240, 28.6315,
-36.7673

■ 196.9240, 28.6315,
-36.7673

■ 182.4050, 35.7893,
-45.9592

■ 211.4430, 21.4736,
-27.5755

■ 167.5870, 43.0946,
-55.7658

■ 226.2610, 14.1683,
-17.7689

■ 152.4810, 50.5419,
-64.4428

■ 241.6660, 6.5737,
-8.4771

■ 137.6630, 57.8471,
-74.2495

■ 255.0000, 0.0000,
0.0000

■ 122.8450, 65.1524,
-84.0561

■ 108.3260, 72.3103,
-93.2479

■ 107.1410, 72.8945,
-93.9627

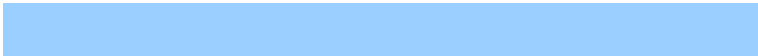
Harmonies

Analogous

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



190.9940, 25.6390, -56.9997



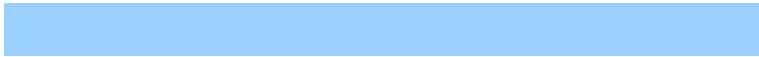
196.9240, 28.6315, -36.7673



202.7750, 24.7609, -8.5727

Triad

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



196.9240, 28.6315, -36.7673



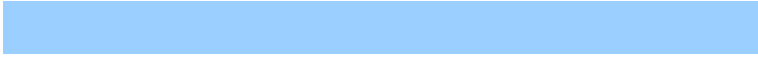
204.0550, -9.8871, 44.6788



195.0840, -14.3384, -21.1217

Complementary

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



196.9240, 28.6315, -36.7673



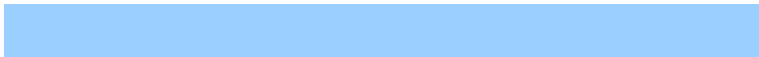
213.0760, -28.6315, 36.7673

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.



198.7190, -24.0185, 3.7544



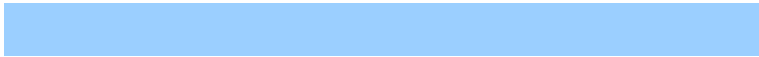
196.9240, 28.6315, -36.7673



203.4600, -20.9328, 40.8156

Square

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



196.9240, 28.6315, -36.7673



206.3390, 2.7909, 38.2907



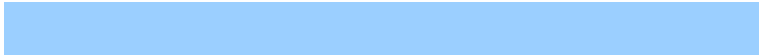
201.2810, -26.2675, 25.1866



190.7250, 0.1356, -43.6088

Rectangle

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



196.9240, 28.6315, -36.7673



205.4030, 19.0283, 10.1706



201.2810, -26.2675, 25.1866



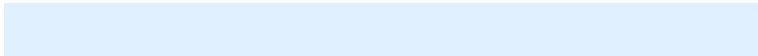
196.4010, -18.4387, -12.6297

Sweetspot

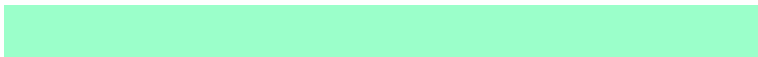
The Sweet Spot groups the original color and five complimentary colors.



196.9240, 28.6315, -36.7673



236.9260, 8.9105, -11.3361



219.0580, -8.4096, -56.1789



117.3350, 5.2578, -6.4328



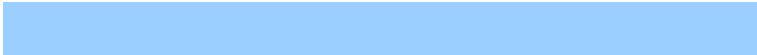
0.0000, 0.0000, 0.0000



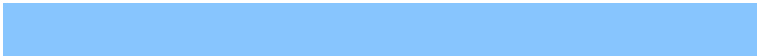
128.0000, 0.0000, 0.0000

Same Dimension

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



196.9240, 28.6315, -36.7673



185.0740, 34.4735, -43.9149



168.1610, 42.8116, -11.5422



120.0040, 3.9420, -4.3885



79.8870, 54.7787, -70.0609



26.6670, 18.4052, -23.3870

Inverse Universe

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



190.8280, 7.9728, 56.2788



177.9480, 9.3926, 67.5746



241.8390, -42.8116, 11.5422



119.5710, 0.7045, 7.3922



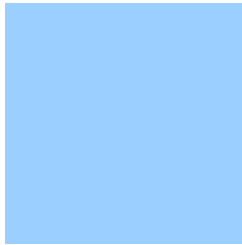
68.3950, 15.0883, 107.5246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 196.9240, 28.6315, -36.7673 looks on a white background.

Color Contrast Check

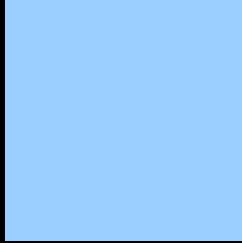
Large Text (above 18pt) WCAG AA × Fail

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 196.9240, 28.6315, -36.7673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

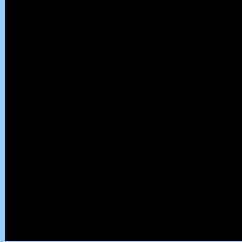
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

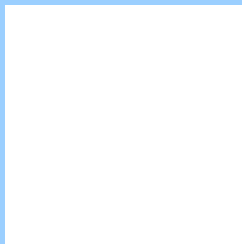
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.9240, 28.6315, -36.7673

Background



This preview shows how black text looks on a background with the YUV color 196.9240, 28.6315, -36.7673.



This preview shows how white text looks on a background with the YUV color 196.9240, 28.6315, -36.7673.

-36.7673.

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

196.9240, 28.6315, -36.7673

Protanopia

201.7100, 23.3140, -11.1467

Deuteranopia

201.8180, 26.2187, -9.4874



Tritanopia

194.8020, 16.8596, -41.0454

Trichromacy



Original Color

196.9240, 28.6315, -36.7673

Protanomaly

200.1110, 25.0883, -20.2683

Deuteranomaly

200.2790, 26.9775, -19.5387

Tritanomaly

195.5510, 20.9274, -39.0712

Monochromacy



Original Color

196.9240, 28.6315, -36.7673

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.2570, 10.2263, -13.3804

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9240, 28.6315, -36.7673 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(155, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 207, 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(155, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 207, 255) }
```

Border

The CSS property to change the border of an element to YUV 196.9240, 28.6315, -36.7673 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(155, 207, 255) }
```


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

```
.border{ border-color:rgb(155, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 207,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 196.9240, 28.6315, -36.7673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 207, 255) }
```

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

```
.background{ background-color: rgb(155,  
207, 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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