

Converting Colors

YUV(126.4990, 63.3510,
-66.2126)

Have a look what the booklet for
YUV(126.4990, 63.3510, -66.2126)
contains.

YUV(126.4990, 63.3510, -66.2126)	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(126.4990, 63.3510,
-66.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	338CFF
RGB	51, 140, 255
RGB Percent	20%, 55%, 100%
CMY	0.8000, 0.4510, 0.0000
CMYK	0.80, 0.45, 0.00, 0.00
HSL	214°, 100%, 60%
HSV	214°, 80%, 100%
XYZ	28.7933, 26.6800, 98.2399
YIQ	126.4990, -89.9590, 16.8970

Conversions

Conversions Part 2

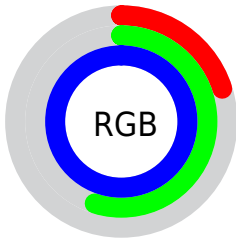
Format	Color
R _Y B	51, 113, 255
Decimal	3378431
CIE Lab	58.68, 13.92, -64.51
CIE LCh	59, 65.991, 282.179
Yxy	26.6800, 0.1873, 0.1736
Android (android.graphics.Color)	4281568511 (0xFF338CFF)
YUV	126.4990, 63.3510, -66.2126
Hunter-Lab	51.6527, 9.1111, -76.6088

Details

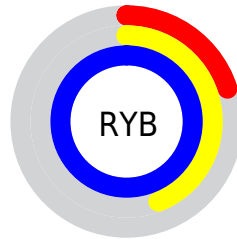
The YUV color **126.4990, 63.3510, -66.2126** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **179.5010, -63.3510, 66.2126**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6330, 36.6629, -46.1591**, and **75.8750, 59.7146, -66.5424** is the 20% darker color. If you saturate the color by 10%, you get **110.5070, 71.2350, -74.9896**, and if you desaturate by 10%, it is **142.4910, 55.4669, -57.4356**.

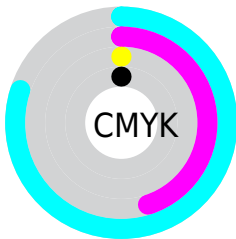
Distribution



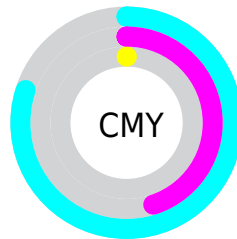
- Red (20%)
- Green (55%)
- Blue (100%)



- Red (20%)
- Yellow (44%)
- Blue (100%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.4990, 63.3510, -66.2126 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 126.4990, 63.3510, -66.2126 by changing the saturation by 10% instead.

■ 126.4990, 63.3510,
-66.2126

■ 126.4990, 63.3510,
-66.2126

255.0000, 0.0000,
0.0000

■ 93.2690, 65.4364,
-81.7969

■ 180.6330, 36.6629,
-46.1591

■ 75.8750, 59.7146,
-66.5424

■ 206.6370, 23.8430,
-40.9006

■ 59.2960, 54.5771,
-52.0026

■ 232.6410, 11.0230,
-35.6422

■ 43.8910, 48.8607,
-38.4924

■ 245.4320, 4.7170,
-19.6729

■ 30.2470, 42.2762,
-26.5266

■ 14.4830, 37.7229,
-12.7016

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 126.4990, 63.3510,
-66.2126

■ 126.4990, 63.3510,
-66.2126

■ 110.5070, 71.2350,
-74.9896

■ 142.4910, 55.4669,
-57.4356

■ 94.2270, 79.2611,
-82.6371

■ 158.7710, 47.4409,
-49.7882

■ 174.7630, 39.5568,
-41.0112

■ 191.0430, 31.5308,
-33.3637

■ 207.0350, 23.6467,
-24.5867

■ 222.7280, 15.9101,
-16.4245

■ 239.3070, 7.7366,
-8.1622

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.



120.7730, 64.2019, -105.9179



126.4990, 63.3510, -66.2126



145.2240, 40.8086, 24.3596

Triad

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



126.4990, 63.3510, -66.2126



135.5920, -34.3089, 84.5498



109.1840, -3.0487, -95.7544

Complementary

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



126.4990, 63.3510, -66.2126



179.5010, -63.3510, 66.2126

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.



122.9100, -37.4236, -36.7551



126.4990, 63.3510, -66.2126



134.2330, -60.2609, 55.0467

Square

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



126.4990, 63.3510, -66.2126



134.7700, -7.2816, 95.7947



129.6550, -63.9199, 15.2116



117.3120, 23.0172, -102.8826

Rectangle

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



126.4990, 63.3510, -66.2126



143.2690, 25.9964, 62.0311



129.6550, -63.9199, 15.2116



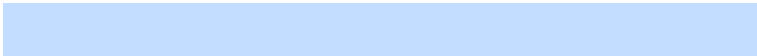
105.8440, -10.7691, -92.8252

Sweetspot

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



126.4990, 63.3510, -66.2126



216.8030, 18.8311, -19.9982



183.5160, -10.1144, -116.2165



104.6100, 11.5313, -11.9360



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.



126.4990, 63.3510, -66.2126



100.7390, 76.0507, -79.5781



77.2460, 87.6327, -14.2477



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130

Inverse Universe

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



122.1420, 8.8040, 116.5165



95.4530, 10.6227, 139.9227



228.7540, -87.6327, 14.2477



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 126.4990, 63.3510, -66.2126 looks on a white background.

Color Contrast Check

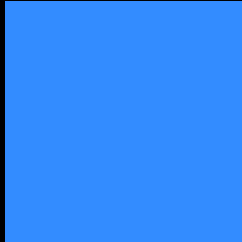
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4990, 63.3510, -66.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

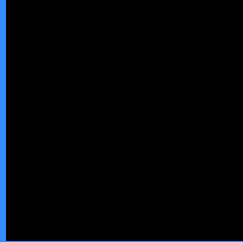
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

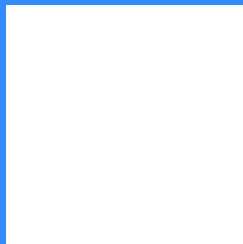
Any Text WCAG AAA × Fail

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

YUV 126.4990, 63.3510, -66.2126 Background



This preview shows how black text looks on a background with the YUV color 126.4990, 63.3510, -66.2126.



This preview shows how white text looks on a background with the YUV color 126.4990, 63.3510, -66.2126.

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

126.4990, 63.3510, -66.2126

Protanopia

133.8610, 57.7495, -42.8511

Deuteranopia

112.7830, 69.1270, -98.9107



Tritanopia

110.6100, 27.8003, -97.0050

Trichromacy



Original Color

126.4990, 63.3510, -66.2126

Protanomaly

130.9740, 59.6658, -50.8432

Deuteranomaly

117.9910, 67.0524, -86.8151

Tritanomaly

116.4170, 40.7134, -85.4347

Monochromacy



Original Color

126.4990, 63.3510, -66.2126

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2200, 23.0625, -23.8719

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4990, 63.3510, -66.2126 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(51, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 140, 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(51, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 140, 255) }
```

Border

The CSS property to change the border of an element to YUV 126.4990, 63.3510, -66.2126 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(51, 140, 255) }
```


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

```
.border{ border-color:rgb(51, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 140,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 126.4990, 63.3510, -66.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 140, 255) }
```

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

```
.background{ background-color: rgb(51, 140,  
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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