

Converting Colors

YUV(126.5010, 36.7280,
-67.0914)

Have a look what the booklet for
YUV(126.5010, 36.7280, -67.0914)
contains.

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Color

**YUV(126.5010, 36.7280,
-67.0914)**

Conversions

Conversions Part 1

Format	Color
Hex	3297C9
RGB	50, 151, 201
RGB Percent	20%, 59%, 79%
CMY	0.8039, 0.4078, 0.2118
CMYK	0.75, 0.25, 0.00, 0.21
HSL	200°, 60%, 49%
HSV	200°, 75%, 79%
XYZ	22.9246, 27.0284, 59.2671
YIQ	126.5010, -76.2460, -5.8620

Conversions

Conversions Part 2

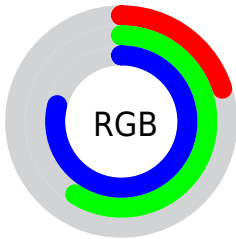
Format	Color
R_{YB}	50, 111, 201
Decimal	3315657
CIE _{Lab}	59.00, -12.04, -33.99
CIE _{LCh}	59, 36.057, 250.491
Yxy	27.0284, 0.2099, 0.2475
Android (android.graphics.Color)	4281505737 (0xFF3297C9)
YUV	126.5010, 36.7280, -67.0914
Hunter-Lab	51.9888, -12.2704, -31.1982

Details

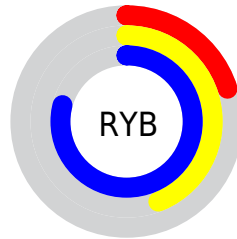
The YUV color **126.5010, 36.7280, -67.0914** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **124.4990, -36.7280, 67.0914**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3880, 34.8117, -59.0993**, and **75.4580, 35.2702, -66.1767** is the 20% darker color. If you saturate the color by 10%, you get **116.4120, 41.7019, -75.7833**, and if you desaturate by 10%, it is **136.5900, 31.7541, -58.3994**.

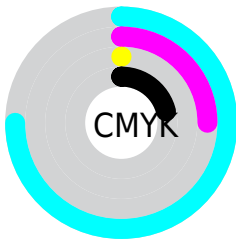
Distribution



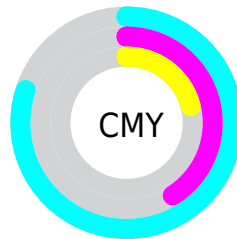
- Red (20%)
- Green (59%)
- Blue (79%)



- Red (20%)
- Yellow (44%)
- Blue (79%)



- Cyan (75%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)



- Cyan (80%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.5010, 36.7280, -67.0914 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 126.5010, 36.7280, -67.0914 by changing the saturation by 10% instead.

■ 126.5010, 36.7280,
-67.0914

■ 126.5010, 36.7280,
-67.0914

■ 255.0000, 0.0000,
0.0000

■ 93.0970, 39.3922,
-81.6461

■ 184.3880, 34.8117,
-59.0993

■ 75.4580, 35.2702,
-66.1767

■ 209.7940, 22.2866,
-55.0703

■ 58.4060, 30.8588,
-51.2221

■ 231.6780, 11.4977,
-47.9526

■ 42.6420, 26.3055,
-37.3970

■ 240.6480, 7.0755,
-29.5093

■ 27.5790, 21.8996,
-24.1868

■ 249.6180, 2.6533,
-11.0660

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 126.5010, 36.7280,
-67.0914

■ 126.5010, 36.7280,
-67.0914

■ 116.4120, 41.7019,
-75.7833

■ 136.5900, 31.7541,
-58.3994

■ 106.9100, 46.3864,
-84.9901

■ 146.0920, 27.0696,
-49.1927

■ 101.5720, 49.0180,
-89.0786

■ 156.1810, 22.0958,
-40.5007

■ 166.2700, 17.1219,
-31.8088

■ 176.0710, 12.2900,
-21.9873

■ 186.1600, 7.3161,
-13.2953

■ 196.2490, 2.3422,
-4.6034

■ 205.7510, -2.3422,
4.6034

■ 215.8400, -7.3161,
13.2953

Harmonies

Analogous

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



112.9070, 34.0628, -99.0194



126.5010, 36.7280, -67.0914



139.8100, 31.6457, -23.5124

Triad

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



126.5010, 36.7280, -67.0914



144.4240, -6.1250, 51.3712



134.8090, -20.6118, -15.6185

Complementary

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



126.5010, 36.7280, -67.0914



124.4990, -36.7280, 67.0914

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.



138.6830, -29.4237, 10.8020



126.5010, 36.7280, -67.0914



142.4440, -19.9389, 48.7226

Square

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



126.5010, 36.7280, -67.0914



145.9460, 8.9006, 38.6354



141.3530, -28.7680, 33.8934



128.5630, -4.2216, -46.0978

Rectangle

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



126.5010, 36.7280, -67.0914



144.7700, 25.7494, 1.0787



141.3530, -28.7680, 33.8934



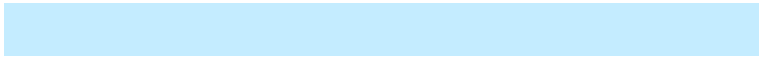
136.4250, -24.8595, -6.5117

Sweetspot

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



126.5010, 36.7280, -67.0914



226.2060, 14.1954, -26.4907



144.1090, -22.7317, -82.5336



110.1920, 8.7793, -15.9544



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.



126.5010, 36.7280, -67.0914



141.6180, 55.8973, -102.2740



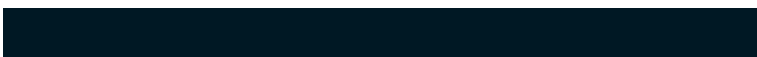
83.6500, 57.8536, -29.5110



94.5480, 2.1948, -3.9886



82.5650, 39.6545, -72.4095



18.1920, 8.7793, -15.9544

Inverse Universe

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



106.6630, 21.8581, 82.7335



111.3260, 33.3633, 126.0021



167.3500, -57.8535, 29.5111



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 126.5010, 36.7280, -67.0914 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 126.5010, 36.7280, -67.0914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

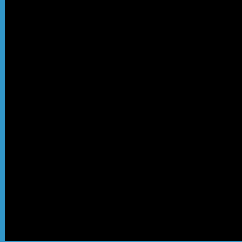
Any Text WCAG AA ✓ Pass

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 126.5010, 36.7280, -67.0914 Background



This preview shows how black text looks on a background with the YUV color 126.5010, 36.7280, -67.0914.

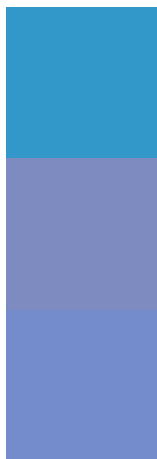


This preview shows how white text looks on a background with the YUV color 126.5010, 36.7280, -67.0914.

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

126.5010, 36.7280, -67.0914

Protanopia

141.1550, 25.0666, -13.2909

Deuteranopia

140.1200, 31.4928, -21.1532



Tritanopia

114.5290, 27.3472, -91.6719

Trichromacy



Original Color

126.5010, 36.7280, -67.0914

Protanomaly

135.4730, 29.3468, -32.8638

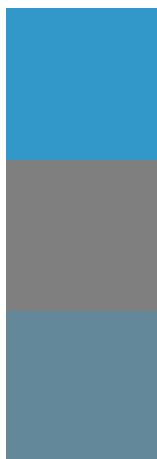
Deuteranomaly

135.1780, 33.4362, -37.8671

Tritanomaly

119.0940, 30.5197, -82.5204

Monochromacy



Original Color

126.5010, 36.7280, -67.0914

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9890, 13.3164, -24.5464

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.5010, 36.7280, -67.0914 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(50, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(50, 151, 201)  
}
```

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(50, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 151, 201) }
```

Border

The CSS property to change the border of an element to YUV 126.5010, 36.7280, -67.0914 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(50, 151, 201) }
```


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

```
.border{ border-color:rgb(50, 151, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 151, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(50, 151,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 126.5010, 36.7280, -67.0914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 151, 201) }
```

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

```
.background{ background-color: rgb(50, 151,  
201) }
```

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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