

Converting Colors

YUV(165.5310, 27.8392,
-62.7327)

Have a look what the booklet for
YUV(165.5310, 27.8392, -62.7327)
contains.

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Color

**YUV(165.5310, 27.8392,
-62.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBFDE
RGB	94, 191, 222
RGB Percent	37%, 75%, 87%
CMY	0.6314, 0.2510, 0.1294
CMYK	0.58, 0.14, 0.00, 0.13
HSL	195°, 66%, 62%
HSV	195°, 58%, 87%
XYZ	36.4317, 44.9152, 75.8566
YIQ	165.5310, -67.7630, -10.9230

Conversions

Conversions Part 2

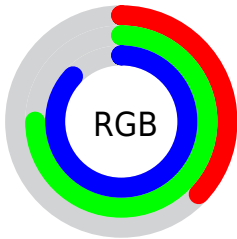
Format	Color
RYB	94, 149, 222
Decimal	6209502
CIELab	72.84, -19.71, -24.13
CIELCh	73, 31.160, 230.762
Yxy	44.9152, 0.2317, 0.2857
Android (android.graphics.Color)	4284399582 (0xFF5EBFDE)
YUV	165.5310, 27.8392, -62.7327
Hunter-Lab	67.0188, -20.2496, -20.1954

Details

The YUV color **165.5310, 27.8392, -62.7327** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **150.4690, -27.8392, 62.7327**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1050, 17.2032, -57.9741**, and **103.9420, 31.0876, -78.0021** is the 20% darker color. If you saturate the color by 10%, you get **156.0180, 32.5291, -73.6838**, and if you desaturate by 10%, it is **175.0440, 23.1493, -51.7816**.

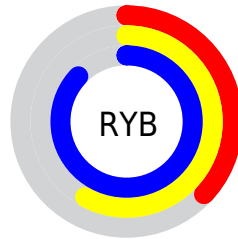
Distribution



Red (37%)

Green (75%)

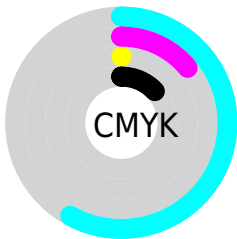
Blue (87%)



Red (37%)

Yellow (58%)

Blue (87%)

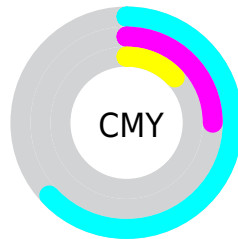


Cyan (58%)

Magenta (14%)

Yellow (0%)

Black (13%)



Cyan (63%)

Magenta (25%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5310, 27.8392, -62.7327 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 165.5310, 27.8392, -62.7327 by changing the saturation by 10% instead.

■ 165.5310, 27.8392,
-62.7327

■ 165.5310, 27.8392,
-62.7327

■ 255.0000, 0.0000,
0.0000

■ 136.6230, 28.2869,
-66.3214

■ 220.1050, 17.2032,
-57.9741

■ 103.9420, 31.0876,
-78.0021

■ 233.4720, 10.6133,
-44.2639

■ 81.7040, 28.7399,
-71.6544

■ 242.4420, 6.1911,
-25.8206

■ 64.1790, 25.0548,
-56.2850

■ 251.4120, 1.7689,
-7.3773

■ 47.8280, 20.7908,
-41.9452

■ 32.1780, 16.6742,
-28.2201

■ 16.7560, 13.4313,

-14.6950

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 165.5310, 27.8392,
-62.7327

■ 165.5310, 27.8392,
-62.7327

■ 156.0180, 32.5291,
-73.6838

■ 175.0440, 23.1493,
-51.7816

■ 145.9180, 37.5084,
-84.1201

■ 185.1440, 18.1700,
-41.3453

■ 136.1060, 42.3457,
-95.6860

■ 194.9560, 13.3327,
-29.7794

■ 126.0060, 47.3250,
-106.1223

■ 205.0560, 8.3534,
-19.3431

■ 123.9240, 48.3515,
-108.6813

■ 214.5690, 3.6635,
-8.3920

■ 224.0820, -1.0264,
2.5591

■ 234.1820, -6.0057,
12.9954

■ 238.9110, -8.3371,
14.1101

■ 241.8460, -9.7841,
11.5361

Harmonies

Analogous

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



163.0610, 17.2249, -64.9515



165.5310, 27.8392, -62.7327



172.9560, 30.0947, -39.4264

Triad

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



165.5310, 27.8392, -62.7327



182.7630, 3.0748, 40.5498



174.8930, -24.5972, 2.7248

Complementary

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



165.5310, 27.8392, -62.7327



150.4690, -27.8392, 62.7327

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.



178.0530, -27.1411, 25.3865



165.5310, 27.8392, -62.7327



181.5500, -10.6242, 47.7526

Square

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



165.5310, 27.8392, -62.7327



183.2580, 15.6488, 20.8217



180.5310, -21.9538, 41.6303



171.3720, -14.4804, -22.2512

Rectangle

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



165.5310, 27.8392, -62.7327



178.1050, 27.5562, -18.5091



180.5310, -21.9538, 41.6303



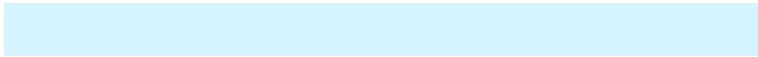
176.0790, -26.6609, 11.3317

Sweetspot

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



165.5310, 27.8392, -62.7327



236.2730, 9.2324, -21.2874



172.5560, -23.9381, -68.8936



116.1170, 5.8583, -12.3806



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.



165.5310, 27.8392, -62.7327



177.1350, 38.3874, -86.0644



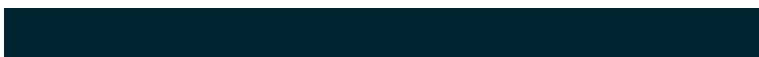
128.5500, 46.0709, -30.3003



106.9500, 2.4897, -5.2181



98.1350, 38.3874, -86.0644



27.1910, 10.2588, -23.8465

Inverse Universe

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



143.3300, 23.5013, 68.9936



146.7860, 32.1505, 94.9037



187.4500, -46.0708, 30.3004



105.2010, 1.8729, 5.9627



67.7860, 32.1505, 94.9037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 165.5310, 27.8392, -62.7327 looks on a white background.

Color Contrast Check

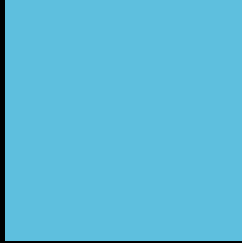
Large Text (above 18pt) WCAG AA × Fail

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 165.5310, 27.8392, -62.7327 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 165.5310, 27.8392, -62.7327

Background



This preview shows how black text looks on a background with the YUV color 165.5310, 27.8392, -62.7327.



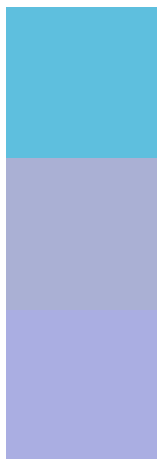
This preview shows how white text looks on a background with the YUV color 165.5310, 27.8392, -62.7327.

-62.7327.

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

165.5310, 27.8392, -62.7327

Protanopia

178.3100, 16.6092, -7.2879

Deuteranopia

178.7320, 23.3031, -7.6580



Tritanopia

163.7280, 22.3191, -65.5365

Trichromacy



Original Color

165.5310, 27.8392, -62.7327

Protanomaly

173.3290, 21.0368, -27.4755

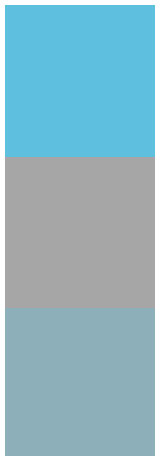
Deuteranomaly

173.7680, 25.2574, -27.8605

Tritanomaly

164.3090, 24.4977, -64.2920

Monochromacy



Original Color

165.5310, 27.8392, -62.7327

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7890, 9.9640, -22.6170

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5310, 27.8392, -62.7327 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(94, 191, 222)` looks like.

```
.text, #text, p{  
    color:rgb(94, 191, 222)  
}
```

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(94, 191, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 191, 222) }
```

Border

The CSS property to change the border of an element to YUV 165.5310, 27.8392, -62.7327 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(94, 191, 222) }
```


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

```
.border{ border-color:rgb(94, 191, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 191, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 191, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 191, 222);  
box-shadow:4px 4px 4px 4px rgb(94, 191,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 165.5310, 27.8392, -62.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 191, 222) }
```

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

```
.background{ background-color: rgb(94, 191,  
222) }
```

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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