

Converting Colors

YUV(98.6890, 65.2293,
-61.9943)

Have a look what the booklet for
YUV(98.6890, 65.2293, -61.9943)
contains.

| | |
|------------------------------------------------|----|
| YUV(98.6890, 65.2293, -61.9943) | 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(98.6890, 65.2293,
-61.9943)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1C6DE7 |
| RGB | 28, 109, 231 |
| RGB Percent | 11%, 43%, 91% |
| CMY | 0.8902, 0.5725, 0.0941 |
| CMYK | 0.88, 0.53, 0.00, 0.09 |
| HSL | 216°, 81%, 51% |
| HSV | 216°, 88%, 91% |
| XYZ | 20.3713, 16.9537, 77.8000 |
| YIQ | 98.6890, -87.4380, 20.7700 |

Conversions

Conversions Part 2

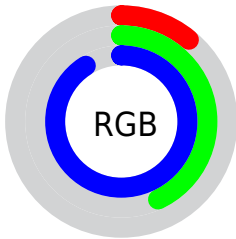
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 28, 86, 231 |
| Decimal | 1863143 |
| CIELab | 48.20, 22.49, -68.11 |
| CIELCh | 48, 71.727, 288.276 |
| Yxy | 16.9537, 0.1769, 0.1473 |
| Android (android.graphics.Color) | 4280053223 (0xFF1C6DE7) |
| YUV | 98.6890, 65.2293, -61.9943 |
| Hunter-Lab | 41.1748, 16.2572, -83.2063 |

Details

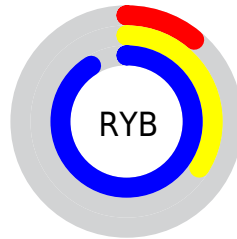
The YUV color **98.6890, 65.2293, -61.9943** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **160.3110, -65.2293, 61.9943**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7770, 48.4239, -38.3924**, and **56.8170, 57.7712, -49.8285** is the 20% darker color. If you saturate the color by 10%, you get **83.5940, 72.6712, -68.9269**, and if you desaturate by 10%, it is **113.7840, 57.7875, -55.0616**.

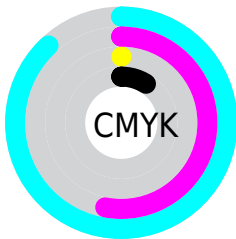
Distribution



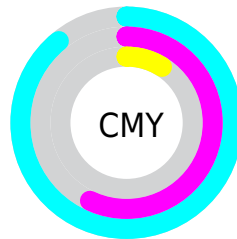
- Red (11%)
- Green (43%)
- Blue (91%)



- Red (11%)
- Yellow (34%)
- Blue (91%)



- Cyan (88%)
- Magenta (53%)
- Yellow (0%)
- Black (9%)



- Cyan (89%)
- Magenta (57%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6890, 65.2293, -61.9943 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 98.6890, 65.2293, -61.9943 by changing the saturation by 10% instead.

■ 98.6890, 65.2293,
-61.9943

■ 98.6890, 65.2293,
-61.9943

255.0000, 0.0000,
0.0000

■ 72.9230, 63.6350,
-63.9535

■ 156.7770, 48.4239,
-38.3924

■ 56.8170, 57.7712,
-49.8285

■ 182.1940, 35.8934,
-32.6191

■ 41.4120, 52.0549,
-36.3183

■ 207.6110, 23.3628,
-26.8458

■ 28.4690, 45.6178,
-24.9673

■ 233.3160, 10.6902,
-22.2021

■ 12.5910, 40.6276,
-11.0423

■ 250.2160, 2.3585,
-9.8364

■ 12.6760, 28.2607,
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 98.6890, 65.2293,
-61.9943

■ 98.6890, 65.2293,
-61.9943

■ 83.5940, 72.6712,
-68.9269

■ 113.7840, 57.7875,
-55.0616

■ 80.3380, 74.2764,
-70.4564

■ 128.8790, 50.3457,
-48.1289

■ 143.9740, 42.9038,
-41.1962

■ 159.0690, 35.4620,
-34.2635

■ 173.5770, 28.3095,
-26.8160

■ 188.9710, 20.7203,
-19.2686

■ 204.0660, 13.2785,
-12.3359

■ 219.1610, 5.8366,
-5.4032

■ 234.2560, -1.6052,
1.5295

Harmonies

Analogous

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



102.3990, 64.8793, -89.8039



98.6890, 65.2293, -61.9943



115.6820, 39.5968, 39.7439

Triad

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



98.6890, 65.2293, -61.9943



104.5180, -42.1604, 82.8607



91.6250, -1.7871, -80.3551

Complementary

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



98.6890, 65.2293, -61.9943



160.3110, -65.2293, 61.9943

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.



80.7100, -30.9160, -70.7827



98.6890, 65.2293, -61.9943



107.7030, -53.0976, 44.1105

Square

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



98.6890, 65.2293, -61.9943



96.7220, -7.7509, 106.3608



103.2970, -50.9254, 0.6165



99.9810, 25.1524, -87.6833

Rectangle

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



98.6890, 65.2293, -61.9943



107.7810, 26.2370, 78.2451



103.2970, -50.9254, 0.6165



88.5300, -11.1073, -77.6408

Sweetspot

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



98.6890, 65.2293, -61.9943



211.7860, 21.3045, -19.9833



161.0690, -5.4570, -116.7015



101.9520, 12.8417, -12.2359



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.



98.6890, 65.2293, -61.9943



88.9440, 81.8656, -78.0039



57.1220, 85.7219, -8.0000



107.3030, 3.7946, -3.7737



62.0830, 57.6401, -54.4468



17.5540, 16.4889, -15.3949

Inverse Universe

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



97.9310, 5.4570, 116.7015



87.8730, 6.9646, 146.5704



201.8780, -85.7219, 8.0000



107.1580, 0.4151, 6.8774



61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 98.6890, 65.2293, -61.9943 looks on a white background.

Color Contrast Check

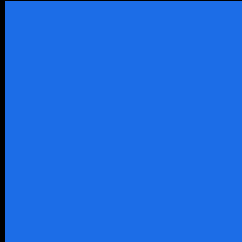
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 98.6890, 65.2293, -61.9943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

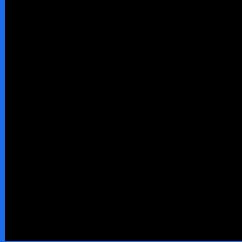
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

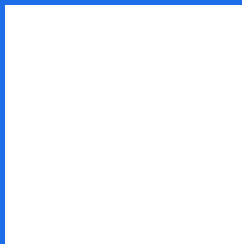
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.6890, 65.2293, -61.9943

Background



This preview shows how black text looks on a background with the YUV color 98.6890, 65.2293, -61.9943.



This preview shows how white text looks on a background with the YUV color 98.6890, 65.2293, -61.9943.

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

98.6890, 65.2293, -61.9943

Protanopia

95.6990, 66.7034, -68.1420

Deuteranopia

91.0060, 54.2270, -79.8123



Tritanopia

89.2380, 22.0677, -78.2617

Trichromacy



Original Color

98.6890, 65.2293, -61.9943

Protanomaly

96.8950, 66.1138, -65.6829

Deuteranomaly

93.4890, 58.4259, -73.2199

Tritanomaly

92.6960, 37.6179, -72.5244

Monochromacy



Original Color

98.6890, 65.2293, -61.9943

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0460, 23.6413, -22.8423

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6890, 65.2293, -61.9943 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(28, 109, 231)` looks like.

```
.text, #text, p{  
    color:rgb(28, 109, 231)  
}
```

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(28, 109, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 109, 231) }
```

Border

The CSS property to change the border of an element to YUV 98.6890, 65.2293, -61.9943 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(28, 109, 231) }
```


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

```
.border{ border-color:rgb(28, 109, 231) }
```

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

Here you see how a box with a 4 pixel rgb(28, 109, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 109, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 109, 231);  
box-shadow:4px 4px 4px 4px rgb(28, 109,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 98.6890, 65.2293, -61.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 109, 231) }
```

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

```
.background{ background-color: rgb(28, 109,  
231) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor