

Converting Colors

YUV(126.0310, 46.3267,
-65.8022)

Have a look what the booklet for
YUV(126.0310, 46.3267, -65.8022)
contains.

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Color

**YUV(126.0310, 46.3267,
-65.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	3392DC
RGB	51, 146, 220
RGB Percent	20%, 57%, 86%
CMY	0.8000, 0.4275, 0.1373
CMYK	0.77, 0.34, 0.00, 0.14
HSL	206°, 71%, 53%
HSV	206°, 77%, 86%
XYZ	24.5624, 26.4289, 71.5169
YIQ	126.0310, -80.3740, 2.8740

Conversions

Conversions Part 2

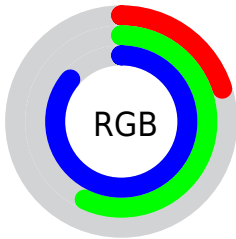
Format	Color
R_{YB}	51, 112, 220
Decimal	3379932
CIE _{Lab}	58.44, -2.39, -45.50
CIE _{LCh}	58, 45.567, 266.992
Yxy	26.4289, 0.2005, 0.2157
Android (android.graphics.Color)	4281570012 (0xFF3392DC)
YUV	126.0310, 46.3267, -65.8022
Hunter-Lab	51.4090, -4.6814, -46.4940

Details

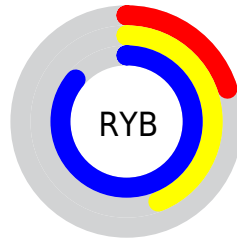
The YUV color $126.0310, 46.3267, -65.8022$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $144.9690, -46.3267, 65.8022$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.6490, 35.6690, -54.0662$, and $75.0480, 43.8533, -65.8171$ is the 20% darker color. If you saturate the color by 10%, you get $113.5830, 52.4636, -74.1793$, and if you desaturate by 10%, it is $138.4790, 40.1899, -57.4251$.

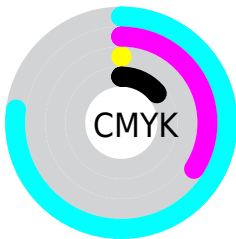
Distribution



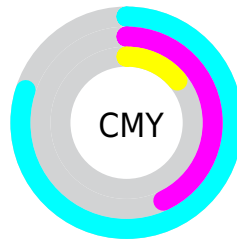
- Red (20%)
- Green (57%)
- Blue (86%)



- Red (20%)
- Yellow (44%)
- Blue (86%)



- Cyan (77%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)



- Cyan (80%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0310, 46.3267, -65.8022 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 126.0310, 46.3267, -65.8022 by changing the saturation by 10% instead.

■ 126.0310, 46.3267,
-65.8022

■ 126.0310, 46.3267,
-65.8022

■ 255.0000, 0.0000,
0.0000

■ 92.3280, 49.1383,
-80.9717

■ 182.6490, 35.6690,
-54.0662

■ 75.0480, 43.8533,
-65.8171

■ 208.0550, 23.1439,
-50.0372

■ 58.5830, 39.1526,
-51.3773

■ 233.1730, 10.7607,
-44.8787

■ 42.7050, 34.1624,
-37.4523

■ 242.1430, 6.3385,
-26.4354

■ 27.5280, 29.3197,
-24.1421

■ 251.4120, 1.7689,
-7.3773

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 126.0310, 46.3267,
-65.8022

■ 126.0310, 46.3267,
-65.8022

■ 113.5830, 52.4636,
-74.1793

■ 138.4790, 40.1899,
-57.4251

■ 101.7220, 58.3111,
-83.0712

■ 150.3400, 34.3424,
-48.5332

■ 97.8680, 60.2111,
-85.8302

■ 162.7880, 28.2055,
-40.1561

■ 175.2360, 22.0687,
-31.7790

■ 187.0970, 16.2212,
-22.8871

■ 199.5450, 10.0843,
-14.5100

■ 211.4060, 4.2368,
-5.6181

■ 223.8540, -1.9000,
2.7590

■ 236.3020, -8.0369,
11.1361

Harmonies

Analogous

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



115.1700, 45.2722, -101.0041



126.0310, 46.3267, -65.8022



142.6150, 34.2068, -4.9244

Triad

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



126.0310, 46.3267, -65.8022



140.7540, -16.6407, 64.2367



126.0120, -15.2889, -42.9835

Complementary

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



126.0310, 46.3267, -65.8022



144.9690, -46.3267, 65.8022

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.



133.2590, -33.1587, -4.6121



126.0310, 46.3267, -65.8022



139.2520, -32.1692, 51.5220

Square

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



126.0310, 46.3267, -65.8022



142.5420, 1.7048, 60.0377



136.9640, -38.9293, 26.3416



109.3100, 12.6652, -95.8649

Rectangle

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



126.0310, 46.3267, -65.8022



144.6850, 24.8053, 23.9553



136.9640, -38.9293, 26.3416



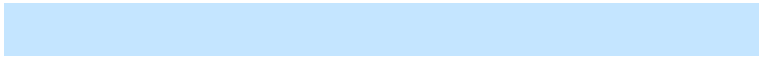
129.2650, -22.3156, -29.1734

Sweetspot

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



126.0310, 46.3267, -65.8022



222.0970, 16.2212, -22.8871



158.5250, -17.0208, -94.2994



107.8440, 9.9369, -13.8952



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.



126.0310, 46.3267, -65.8022



124.2740, 64.4479, -91.4483



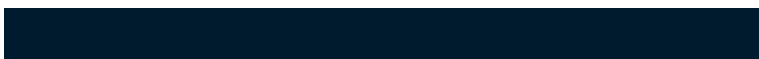
76.7230, 70.6356, -22.5591



103.7760, 3.0684, -4.1886



76.6610, 47.4951, -67.2317



20.5060, 12.5685, -17.9838

Inverse Universe

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



112.3610, 16.5840, 94.3994



105.3130, 23.0167, 131.2755



194.2770, -70.6356, 22.5591



102.9730, 0.9993, 6.1627



62.7850, 16.8680, 96.6586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 126.0310, 46.3267, -65.8022 looks on a white background.

Color Contrast Check

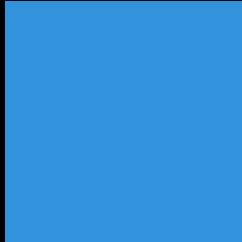
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0310, 46.3267, -65.8022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

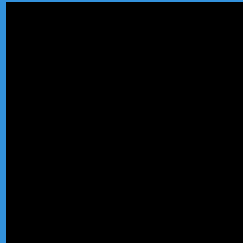
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

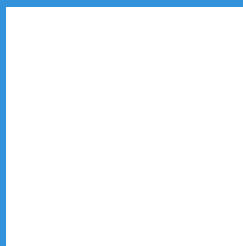
Any Text WCAG AAA × Fail

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

YUV 126.0310, 46.3267, -65.8022 Background



This preview shows how black text looks on a background with the YUV color 126.0310, 46.3267, -65.8022.

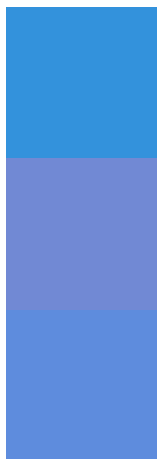


This preview shows how white text looks on a background with the YUV color 126.0310, 46.3267, -65.8022.

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

126.0310, 46.3267, -65.8022

Protanopia

138.3740, 36.2976, -22.2530

Deuteranopia

135.4800, 42.1614, -36.3780



Tritanopia

110.0230, 28.0897, -96.4902

Trichromacy



Original Color

126.0310, 46.3267, -65.8022

Protanomaly

133.6000, 40.1302, -38.2372

Deuteranomaly

131.8700, 43.9411, -47.2440

Tritanomaly

116.1090, 34.4563, -85.1646

Monochromacy



Original Color

126.0310, 46.3267, -65.8022

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9120, 16.8054, -23.6018

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0310, 46.3267, -65.8022 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, 146, 220)` looks like.

```
.text, #text, p{  
    color:rgb(51, 146, 220)  
}
```

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, 146, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 146, 220) }
```

Border

The CSS property to change the border of an element to YUV 126.0310, 46.3267, -65.8022 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, 146, 220) }
```


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

```
.border{ border-color:rgb(51, 146, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 146, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 146, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 146, 220);  
box-shadow:4px 4px 4px 4px rgb(51, 146,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 126.0310, 46.3267, -65.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 146, 220) }
```

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

```
.background{ background-color: rgb(51, 146,  
220) }
```

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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