

Converting Colors

YUV(111.0140, 59.1531,
-26.3223)

Have a look what the booklet for
YUV(111.0140, 59.1531, -26.3223)
contains.

YUV(111.0140, 59.1531, -26.3223)	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(111.0140, 59.1531,
-26.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	5167E7
RGB	81, 103, 231
RGB Percent	32%, 40%, 91%
CMY	0.6824, 0.5961, 0.0941
CMYK	0.65, 0.55, 0.00, 0.09
HSL	231°, 76%, 61%
HSV	231°, 65%, 91%
XYZ	22.6674, 17.2193, 77.7303
YIQ	111.0140, -54.2000, 35.1440

Conversions

Conversions Part 2

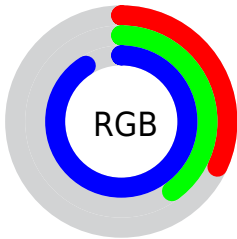
Format	Color
RYP	81, 100, 231
Decimal	5335015
CIELab	48.54, 31.90, -67.48
CIElCh	49, 74.640, 295.301
Yxy	17.2193, 0.1927, 0.1464
Android (android.graphics.Color)	4283525095 (0xFF5167E7)
YUV	111.0140, 59.1531, -26.3223
Hunter-Lab	41.4962, 24.8877, -82.0141

Details

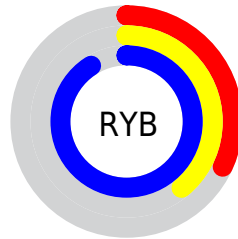
The YUV color **111.0140, 59.1531, -26.3223** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **200.9860, -59.1531, 26.3223**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5240, 45.5907, -16.2455**, and **53.2950, 59.5076, -46.7397** is the 20% darker color. If you saturate the color by 10%, you get **92.3970, 68.3313, -30.1662**, and if you desaturate by 10%, it is **129.6310, 49.9749, -22.4784**.

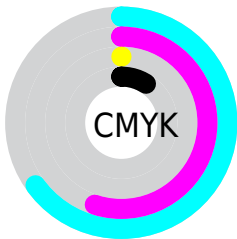
Distribution



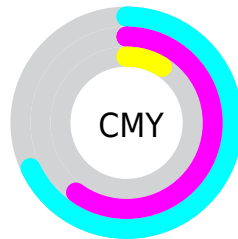
- Red (32%)
- Green (40%)
- Blue (91%)



- Red (32%)
- Yellow (39%)
- Blue (91%)



- Cyan (65%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



- Cyan (68%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0140, 59.1531, -26.3223 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 111.0140, 59.1531, -26.3223 by changing the saturation by 10% instead.

■ 111.0140, 59.1531,
-26.3223

■ 111.0140, 59.1531,
-26.3223

■ 255.0000, 0.0000,
0.0000

■ 81.9590, 59.1802,
-35.0440

■ 162.5240, 45.5907,
-16.2455

■ 53.2950, 59.5076,
-46.7397

■ 187.6420, 33.2075,
-11.0870

■ 37.8900, 53.7912,
-33.2295

■ 212.4610, 20.9717,
-6.5433

■ 24.3600, 47.6435,
-21.3637

■ 238.1660, 8.2992,
-1.8996

■ 10.8300, 41.4958,
-9.4979

■ 12.6760, 28.2607,
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 111.0140, 59.1531,
-26.3223

■ 111.0140, 59.1531,
-26.3223

■ 92.3970, 68.3313,
-30.1662

■ 129.6310, 49.9749,
-22.4784

■ 74.3670, 77.2201,
-34.5249

■ 147.6610, 41.0861,
-18.1197

■ 55.7500, 86.3983,
-38.3687

■ 166.2780, 31.9079,
-14.2758

■ 46.2920, 91.0610,
-40.5981

■ 184.8950, 22.7298,
-10.4319

■ 203.8110, 13.4042,
-5.9732

■ 221.8410, 4.5154,
-1.6146

■ 240.4580, -4.6628,
2.2293

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



102.2510, 69.3893, -89.6741



111.0140, 59.1531, -26.3223



113.6950, 36.6324, 57.2725

Triad

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



111.0140, 59.1531, -26.3223



104.9660, -51.7482, 78.0828



94.5090, 4.1861, -82.8844

Complementary

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



111.0140, 59.1531, -26.3223



200.9860, -59.1531, 26.3223

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.



84.2950, -24.7954, -73.9267



111.0140, 59.1531, -26.3223



108.2350, -53.3599, 34.8739

Square

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



111.0140, 59.1531, -26.3223



96.7840, -15.1765, 108.0604



100.8610, -49.7245, -11.2791



102.5060, 32.2885, -89.8978

Rectangle

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



111.0140, 59.1531, -26.3223



101.4950, 23.4200, 95.1589



100.8610, -49.7245, -11.2791



91.4140, -5.1341, -80.1701

Sweetspot

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



111.0140, 59.1531, -26.3223



216.5810, 18.9406, -8.4025



183.5280, 12.0647, -89.9171



103.7680, 11.9464, -5.0585



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.



111.0140, 59.1531, -26.3223



95.7090, 78.5305, -34.8248



113.6480, 57.8545, 16.9717



105.5420, 4.6628, -2.2293



35.6680, 70.6627, -31.2808



9.9230, 20.2510, -8.7025

Inverse Universe

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



128.3580, -12.5015, 90.0170



118.8070, -16.6669, 119.4413



198.3520, -57.8545, -16.9717



106.8160, -0.8953, 7.1774



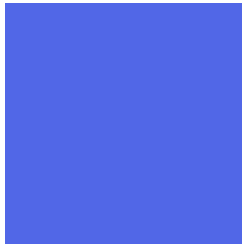
56.4850, -15.0291, 107.4457



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 111.0140, 59.1531, -26.3223 looks on a white background.

Color Contrast Check

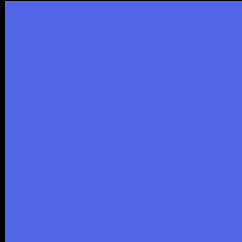
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.0140, 59.1531, -26.3223 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 111.0140, 59.1531, -26.3223

Background



This preview shows how black text looks on a background with the YUV color 111.0140, 59.1531, -26.3223.



This preview shows how white text looks on a background with the YUV color 111.0140, 59.1531, -26.3223.

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

111.0140, 59.1531, -26.3223

Protanopia

91.3600, 70.8145, -80.1227

Deuteranopia

91.8210, 54.8112, -80.5270



Tritanopia

92.3740, 22.4936, -74.8730

Trichromacy



Original Color

111.0140, 59.1531, -26.3223

Protanomaly

98.1560, 66.9711, -60.6498

Deuteranomaly

98.6970, 56.3514, -61.1243

Tritanomaly

99.0400, 35.9693, -57.0401

Monochromacy



Original Color

111.0140, 59.1531, -26.3223

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9660, 21.7088, -9.6172

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0140, 59.1531, -26.3223 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(81, 103, 231)` looks like.

```
.text, #text, p{  
    color:rgb(81, 103, 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(81, 103, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 103, 231) }
```

Border

The CSS property to change the border of an element to YUV 111.0140, 59.1531, -26.3223 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(81, 103, 231) }
```


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

```
.border{ border-color:rgb(81, 103, 231) }
```

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

Here you see how a box with a 4 pixel rgb(81, 103, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 103, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 103, 231);  
box-shadow:4px 4px 4px 4px rgb(81, 103,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 111.0140, 59.1531, -26.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 103, 231) }
```

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

```
.background{ background-color: rgb(81, 103,  
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