

Converting Colors

YUV(139.6560, 35.1726,
-34.7783)

Have a look what the booklet for
YUV(139.6560, 35.1726, -34.7783)
contains.

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Color

**YUV(139.6560, 35.1726,
-34.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	6492D3
RGB	100, 146, 211
RGB Percent	39%, 57%, 83%
CMY	0.6078, 0.4275, 0.1725
CMYK	0.53, 0.31, 0.00, 0.17
HSL	215°, 56%, 61%
HSV	215°, 53%, 83%
XYZ	27.2923, 27.9702, 65.5884
YIQ	139.6560, -48.2810, 10.4630

Conversions

Conversions Part 2

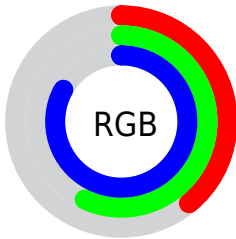
Format	Color
R _Y B	100, 133, 211
Decimal	6591187
CIE Lab	59.86, 2.87, -38.11
CIE LCh	60, 38.221, 274.314
Yxy	27.9702, 0.2258, 0.2314
Android (android.graphics.Color)	4284781267 (0xFF6492D3)
YUV	139.6560, 35.1726, -34.7783
Hunter-Lab	52.8869, -0.4371, -36.5084

Details

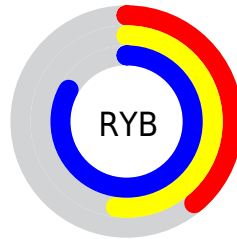
The YUV color **139.6560, 35.1726, -34.7783** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **171.3440, -35.1726, 34.7783**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4130, 30.3624, -31.9342**, and **85.7970, 34.6101, -41.0410** is the 20% darker color. If you saturate the color by 10%, you get **126.3330, 41.7408, -41.5110**, and if you desaturate by 10%, it is **152.9790, 28.6044, -28.0456**.

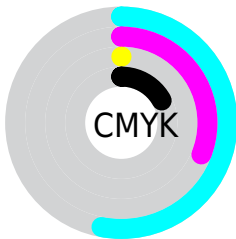
Distribution



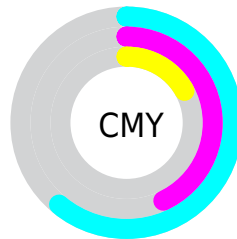
- Red (39%)
- Green (57%)
- Blue (83%)



- Red (39%)
- Yellow (52%)
- Blue (83%)



- Cyan (53%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)



- Cyan (61%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6560, 35.1726, -34.7783 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 139.6560, 35.1726, -34.7783 by changing the saturation by 10% instead.

■ 139.6560, 35.1726,
-34.7783

■ 139.6560, 35.1726,
-34.7783

255.0000, 0.0000,
0.0000

■ 112.5310, 34.7412,
-36.4227

■ 193.4130, 30.3624,
-31.9342

■ 85.7970, 34.6101,
-41.0410

■ 218.5200, 17.9846,
-28.5200

■ 57.0840, 35.9476,
-50.0627

■ 243.0400, 5.8963,
-24.5911

■ 41.2060, 30.9574,
-36.1377

■ 251.7110, 1.6215,
-6.7625

■ 26.7300, 26.2621,
-23.4422

■ 8.2590, 24.0293,
-7.2431

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 139.6560, 35.1726,
-34.7783

■ 139.6560, 35.1726,
-34.7783

■ 126.3330, 41.7408,
-41.5110

■ 152.9790, 28.6044,
-28.0456

■ 112.4230, 48.5985,
-47.7290

■ 166.8890, 21.7467,
-21.8277

■ 99.1000, 55.1667,
-54.4617

■ 180.2120, 15.1785,
-15.0949

■ 85.7770, 61.7349,
-61.1944

■ 193.5350, 8.6102,
-8.3622

■ 75.1230, 66.9874,
-65.8829

■ 207.4450, 1.7526,
-2.1443

■ 221.0670, -4.9630,
5.2032

■ 234.3900,
-11.5313, 11.9360

■ 244.1140,
-16.3252, 9.5470

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



115.1380, 43.8090, -98.3450



139.6560, 35.1726, -34.7783



147.5040, 25.8805, 5.6970

Triad

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



139.6560, 35.1726, -34.7783



144.9330, -18.2080, 53.5558



131.1460, -8.4530, -42.2240

Complementary

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



139.6560, 35.1726, -34.7783



171.3440, -35.1726, 34.7783

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.



137.1040, -24.7013, -10.6152



139.6560, 35.1726, -34.7783



143.5710, -29.3685, 39.8412

Square

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



139.6560, 35.1726, -34.7783



146.6460, -2.7835, 52.9305



141.3310, -32.2082, 17.2497



114.0590, 16.7329, -93.8907

Rectangle

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



139.6560, 35.1726, -34.7783



148.1710, 17.6637, 27.9140



141.3310, -32.2082, 17.2497



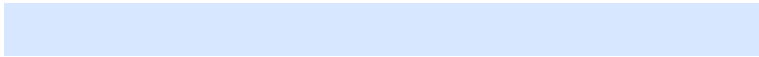
133.9040, -14.7427, -31.4878

Sweetspot

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



139.6560, 35.1726, -34.7783



228.6530, 12.9891, -12.8507



172.5670, -3.7305, -63.6413



111.7200, 8.0260, -7.6474



0.0000, 0.0000, 0.0000



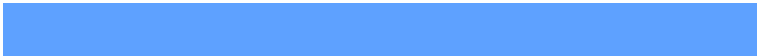
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.6560, 35.1726, -34.7783



151.6830, 50.9353, -50.5880



115.3450, 47.1579, -5.5646



97.6020, 3.6472, -3.1590



60.2420, 53.1247, -52.8322



14.6530, 12.9891, -12.8507

Inverse Universe

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



138.4330, 3.7305, 63.6413



149.7770, 5.5329, 92.2806



195.6550, -47.1579, 5.5646



97.7450, 0.1257, 6.3626



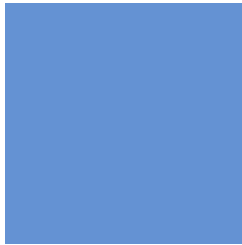
58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 139.6560, 35.1726, -34.7783 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 139.6560, 35.1726, -34.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

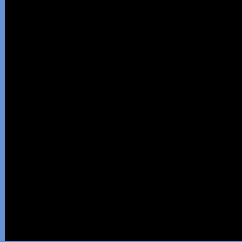
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

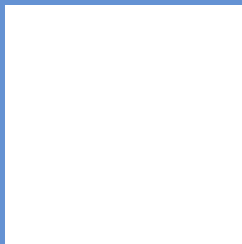
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 139.6560, 35.1726, -34.7783

Background



This preview shows how black text looks on a background with the YUV color 139.6560, 35.1726, -34.7783.

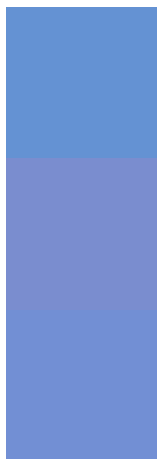


This preview shows how white text looks on a background with the YUV color 139.6560, 35.1726, -34.7783.

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

139.6560, 35.1726, -34.7783

Protanopia

142.8430, 31.6294, -18.2793

Deuteranopia

142.1950, 34.4139, -24.7270



Tritanopia

135.4380, 15.5601, -44.2341

Trichromacy



Original Color

139.6560, 35.1726, -34.7783

Protanomaly

141.7390, 32.6667, -24.3271

Deuteranomaly

141.2870, 34.8615, -28.3157

Tritanomaly

136.9960, 22.6800, -41.2155

Monochromacy



Original Color

139.6560, 35.1726, -34.7783

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6530, 12.9891, -12.8507

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6560, 35.1726, -34.7783 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(100, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(100, 146, 211)  
}
```

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(100, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 146, 211) }
```

Border

The CSS property to change the border of an element to YUV 139.6560, 35.1726, -34.7783 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(100, 146, 211) }
```


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

```
.border{ border-color:rgb(100, 146, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 146, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(100, 146,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 139.6560, 35.1726, -34.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 146, 211) }
```

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

```
.background{ background-color: rgb(100,  
146, 211) }
```

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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