

Converting Colors

YUV(142.6870, 21.3533,
-35.6825)

Have a look what the booklet for
YUV(142.6870, 21.3533, -35.6825)
contains.

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Color

**YUV(142.6870, 21.3533,
-35.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	669BBA
RGB	102, 155, 186
RGB Percent	40%, 61%, 73%
CMY	0.6000, 0.3922, 0.2706
CMYK	0.45, 0.17, 0.00, 0.27
HSL	202°, 38%, 56%
HSV	202°, 45%, 73%
XYZ	26.0638, 29.8126, 50.8351
YIQ	142.6870, -41.5390, -1.5950

Conversions

Conversions Part 2

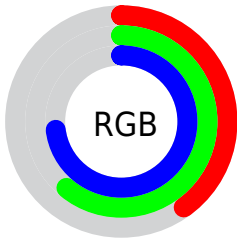
Format	Color
R_{YB}	102, 134, 186
Decimal	6724538
CIE _{Lab}	61.49, -9.18, -21.55
CIE _{LCh}	61, 23.421, 246.928
Yxy	29.8126, 0.2442, 0.2794
Android (android.graphics.Color)	4284914618 (0xFF669BBA)
YUV	142.6870, 21.3533, -35.6825
Hunter-Lab	54.6010, -10.3447, -16.9801

Details

The YUV color $142.6870, 21.3533, -35.6825$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $145.3130, -21.3533, 35.6825$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.2140, 22.0795, -35.2677$, and $90.2630, 21.0693, -37.9417$ is the 20% darker color. If you saturate the color by 10%, you get $132.8970, 26.1798, -43.7597$, and if you desaturate by 10%, it is $152.4770, 16.5268, -27.6053$.

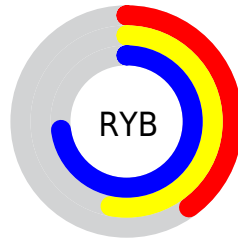
Distribution



Red (40%)

Green (61%)

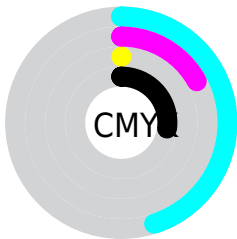
Blue (73%)



Red (40%)

Yellow (53%)

Blue (73%)

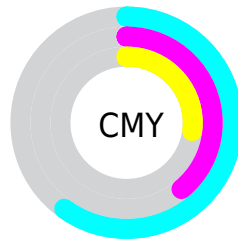


Cyan (45%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (60%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6870, 21.3533, -35.6825 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 142.6870, 21.3533, -35.6825 by changing the saturation by 10% instead.

■ 142.6870, 21.3533,
-35.6825

■ 142.6870, 21.3533,
-35.6825

■ 255.0000, 0.0000,
0.0000

■ 116.2740, 21.0639,
-36.1973

■ 197.2140, 22.0795,
-35.2677

■ 90.2630, 21.0693,
-37.9417

■ 224.0910, 15.2381,
-34.2828

■ 62.7460, 21.8172,
-44.5042

■ 242.4420, 6.1911,
-25.8206

■ 42.9210, 19.7589,
-37.6417

■ 251.4120, 1.7689,
-7.3773

■ 27.3850, 16.0792,
-24.0166

■ 11.9630, 12.8362,
-10.4916

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 142.6870, 21.3533,
-35.6825

■ 142.6870, 21.3533,
-35.6825

■ 132.8970, 26.1798,
-43.7597

■ 152.4770, 16.5268,
-27.6053

■ 123.4060, 30.8588,
-51.2221

■ 161.9680, 11.8478,
-20.1429

■ 113.6160, 35.6853,
-59.2992

■ 171.7580, 7.0213,
-12.0658

■ 104.7120, 40.0750,
-67.2764

■ 180.6620, 2.6316,
-4.0886

■ 94.9220, 44.9015,
-75.3536

■ 190.4520, -2.1948,
3.9886

■ 89.8830, 47.3857,
-78.8274

■ 200.2420, -7.0213,
12.0658

■ 209.7330,
-11.7004, 19.5282

■ 219.5230,
-16.5268, 27.6053

■ 224.8280,
-19.1422, 26.4608

Harmonies

Analogous

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



139.0680, 16.7285, -45.6636



142.6870, 21.3533, -35.6825



147.8790, 20.2727, -15.6799

Triad

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



142.6870, 21.3533, -35.6825



151.2970, -3.5974, 33.9425



144.7590, -14.6712, -7.6816

Complementary

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



142.6870, 21.3533, -35.6825



145.3130, -21.3533, 35.6825

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.



147.2020, -19.8196, 10.3468



142.6870, 21.3533, -35.6825



150.5930, -12.6173, 33.6829

Square

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



142.6870, 21.3533, -35.6825



152.1630, 6.3286, 23.5360



148.9310, -18.7000, 24.6165



141.8690, -4.8654, -26.1951

Rectangle

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



142.6870, 21.3533, -35.6825



150.1690, 17.1717, -1.0252



148.9310, -18.7000, 24.6165



145.5210, -17.0189, -1.3339

Sweetspot

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



142.6870, 21.3533, -35.6825



224.7900, 8.4845, -14.7248



154.8420, -10.7681, -46.3424



111.9110, 4.9739, -8.6919



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



142.6870, 21.3533, -35.6825



174.6550, 33.2011, -55.8254



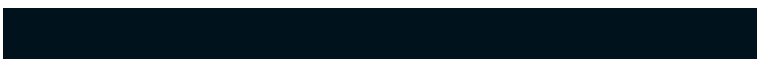
118.0330, 33.5077, -14.0609



86.9610, 2.4842, -3.4738



75.3100, 39.7802, -66.0469



13.7580, 7.0213, -12.0658

Inverse Universe

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



133.1580, 10.7681, 46.3424



159.6310, 16.9439, 72.2376



169.9670, -33.5077, 14.0609



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 142.6870, 21.3533, -35.6825 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 142.6870, 21.3533, -35.6825 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

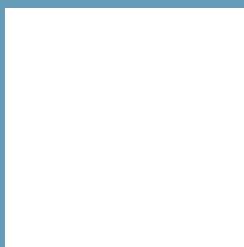
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.6870, 21.3533, -35.6825

Background



This preview shows how black text looks on a background with the YUV color 142.6870, 21.3533, -35.6825.



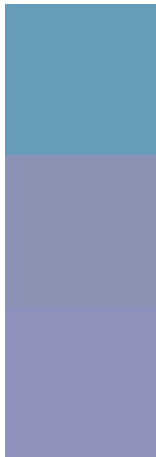
This preview shows how white text looks on a background with the YUV color 142.6870, 21.3533, -35.6825.

-35.6825.

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

142.6870, 21.3533, -35.6825

Protanopia

148.0820, 15.7356, -7.0879

Deuteranopia

148.7060, 19.3719, -6.7582



Tritanopia

141.1290, 14.2334, -38.7011

Trichromacy



Original Color

142.6870, 21.3533, -35.6825

Protanomaly

145.8850, 17.8047, -17.4391

Deuteranomaly

146.7540, 19.8413, -17.3243

Tritanomaly

141.8240, 16.8488, -37.5566

Monochromacy



Original Color

142.6870, 21.3533, -35.6825

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.6870, 8.0423, -12.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6870, 21.3533, -35.6825 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(102, 155, 186)` looks like.

```
.text, #text, p{  
    color:rgb(102, 155, 186)  
}
```

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(102, 155, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 155, 186) }
```

Border

The CSS property to change the border of an element to YUV 142.6870, 21.3533, -35.6825 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(102, 155, 186) }
```


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

```
.border{ border-color:rgb(102, 155, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 155, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 155, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 155, 186);  
box-shadow:4px 4px 4px 4px rgb(102, 155,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 142.6870, 21.3533, -35.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 155, 186) }
```

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

```
.background{ background-color: rgb(102,  
155, 186) }
```

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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