

Converting Colors

YUV(154.1620, -5.9959,
-36.9761)

Have a look what the booklet for
YUV(154.1620, -5.9959, -36.9761)
contains.

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Color

**YUV(154.1620, -5.9959,
-36.9761)**

Conversions

Conversions Part 1

Format	Color
Hex	70B28E
RGB	112, 178, 142
RGB Percent	44%, 70%, 56%
CMY	0.5608, 0.3020, 0.4431
CMYK	0.37, 0.00, 0.20, 0.30
HSL	147°, 30%, 57%
HSV	147°, 37%, 70%
XYZ	27.4850, 37.2385, 31.3303
YIQ	154.1620, -27.7800, -25.1880

Conversions

Conversions Part 2

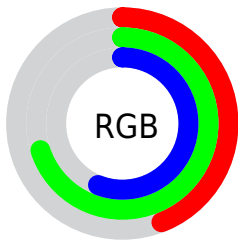
Format	Color
RYB	112, 157, 178
Decimal	7385742
CIELab	67.46, -29.08, 11.85
CIELCh	67, 31.404, 157.829
Yxy	37.2385, 0.2861, 0.3877
Android (android.graphics.Color)	4285575822 (0xFF70B28E)
YUV	154.1620, -5.9959, -36.9761
Hunter-Lab	61.0234, -26.3944, 12.2760

Details

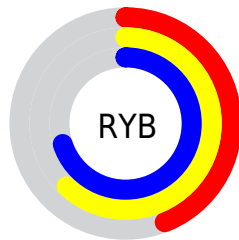
The YUV color **154.1620, -5.9959, -36.9761** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **135.8380, 5.9959, 36.9761**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3360, -6.5746, -38.0057**, and **101.8030, -4.8329, -36.6612** is the 20% darker color. If you saturate the color by 10%, you get **147.6400, -7.7105, -47.0423**, and if you desaturate by 10%, it is **160.6840, -4.2812, -26.9099**.

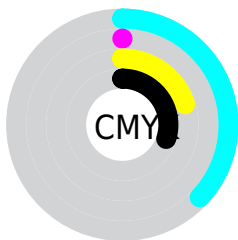
Distribution



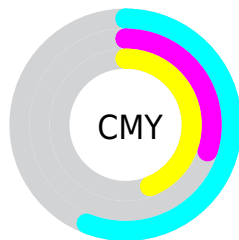
- Red (44%)
- Green (70%)
- Blue (56%)



- Red (44%)
- Yellow (62%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)





- Cyan (56%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1620, -5.9959, -36.9761 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 154.1620, -5.9959, -36.9761 by changing the saturation by 10% instead.

 154.1620, -5.9959,
-36.9761


 154.1620, -5.9959,
-36.9761


255.0000, 0.0000,
0.0000


 127.5750, -5.7065,
-36.4613


 209.3360, -6.5746,
-38.0057


 101.8030, -4.8329,
-36.6612


 233.2270, -4.5489,
-34.4021


 76.3190, -4.1013,
-37.9908

 244.7910, 3.5540,
-19.9877

 49.2690, -1.6116,
-43.2089

 253.8040, 0.5896,
-2.4591

 33.3740, -4.1284,
-29.2690

 18.7840, -9.2605,
-16.4736

 0.0000, 0.0000,

0.0000

■ 154.1620, -5.9959,
-36.9761

■ 154.1620, -5.9959,
-36.9761

■ 147.6400, -7.7105,
-47.0423

■ 160.6840, -4.2812,
-26.9099

■ 141.2320, -8.9884,
-57.2085

■ 167.0920, -3.0034,
-16.7437

■ 135.0090,
-10.8504, -66.6599

■ 173.3150, -1.1413,
-7.2923

■ 128.4870,
-12.5651, -76.7261

■ 179.8370, 0.5734,
2.7740

■ 121.9650,
-14.2797, -86.7923

■ 186.3590, 2.2880,
12.8402

■ 115.5570,
-15.5576, -96.9585

■ 192.7670, 3.5659,
23.0063

■ 113.7200,
-16.1310, -99.7324

■ 199.2890, 5.2805,
33.0725

■ 205.5120, 7.1426,
42.5240

■ 206.8370, 10.9264,
42.2390

Harmonies

Analogous

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



158.7710, -19.6071, -11.2002



154.1620, -5.9959, -36.9761



149.0740, 10.8095, -60.5779

Triad

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



154.1620, -5.9959, -36.9761



162.6100, 28.2933, -21.5830



166.1060, -17.3073, 44.6340

Complementary

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



154.1620, -5.9959, -36.9761



135.8380, 5.9959, 36.9761

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.



167.7330, -4.7984, 45.8382



154.1620, -5.9959, -36.9761



167.4460, 20.4861, 9.2559

Square

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



154.1620, -5.9959, -36.9761



154.5800, 30.2801, -52.2517



168.5000, 8.6275, 32.8875



164.1510, -25.7104, 33.1936

Rectangle

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



154.1620, -5.9959, -36.9761



147.0650, 21.1670, -69.3400



168.5000, 8.6275, 32.8875



166.7410, -13.6763, 46.7081

Sweetspot

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



154.1620, -5.9959, -36.9761



222.9290, -2.4300, -13.9697



161.5060, -24.4065, -11.8448



111.6030, -1.2833, -8.4218



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



154.1620, -5.9959, -36.9761



195.1180, -9.4252, -57.1085



157.9240, 8.4185, -40.2753



85.7390, -0.8573, -5.0331



97.7910, -13.7010, -85.7627



16.6300, -2.2826, -14.5845

Inverse Universe

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



135.8380, 5.9959, 36.9761



166.8820, 9.4252, 57.1085



132.0760, -8.4185, 40.2753



83.2610, 0.8573, 5.0331



55.2090, 13.7010, 85.7627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 154.1620, -5.9959, -36.9761 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 154.1620, -5.9959, -36.9761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

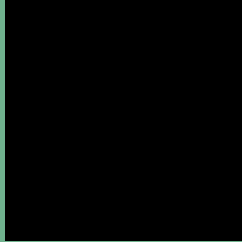
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.1620, -5.9959, -36.9761

Background



This preview shows how black text looks on a background with the YUV color 154.1620, -5.9959, -36.9761.



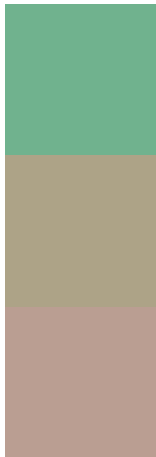
This preview shows how white text looks on a background with the YUV color 154.1620, -5.9959, -36.9761.

-36.9761.

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

154.1620, -5.9959, -36.9761

Protanopia

162.7980, -13.7044, 8.9472

Deuteranopia

165.0040, -9.3690, 18.4135



Tritanopia

158.6460, 13.4855, -32.1385

Trichromacy



Original Color

154.1620, -5.9959, -36.9761

Protanomaly

159.4970, -10.5980, -7.4519

Deuteranomaly

160.9260, -7.8515, -1.6891

Tritanomaly

156.8000, 6.5076, -34.0276

Monochromacy



Original Color

154.1620, -5.9959, -36.9761

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.3420, -2.1406, -13.4549

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1620, -5.9959, -36.9761 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(112, 178, 142)` looks like.

```
.text, #text, p{  
    color:rgb(112, 178, 142)  
}
```

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(112, 178, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 178, 142) }
```

Border

The CSS property to change the border of an element to YUV 154.1620, -5.9959, -36.9761 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(112, 178, 142) }
```


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

```
.border{ border-color:rgb(112, 178, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 178, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 178, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 178, 142);  
box-shadow:4px 4px 4px 4px rgb(112, 178,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 154.1620, -5.9959, -36.9761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 178, 142) }
```

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

```
.background{ background-color: rgb(112,  
178, 142) }
```

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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