

Converting Colors

YUV(96.9970, 34.5115,
-56.1254)

Have a look what the booklet for
YUV(96.9970, 34.5115, -56.1254)
contains.

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Color

**YUV(96.9970, 34.5115,
-56.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	2174A7
RGB	33, 116, 167
RGB Percent	13%, 45%, 65%
CMY	0.8706, 0.5451, 0.3451
CMYK	0.80, 0.31, 0.00, 0.35
HSL	203°, 67%, 39%
HSV	203°, 80%, 65%
XYZ	13.8476, 15.6041, 38.8413
YIQ	96.9970, -65.8390, -1.7350

Conversions

Conversions Part 2

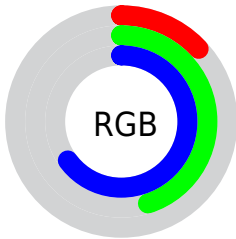
Format	Color
R_{YB}	33, 84, 167
Decimal	2192551
CIE Lab	46.45, -6.09, -34.17
CIE LCh	46, 34.707, 259.898
Yxy	15.6041, 0.2028, 0.2285
Android (android.graphics.Color)	4280382631 (0xFF2174A7)
YUV	96.9970, 34.5115, -56.1254
Hunter-Lab	39.5021, -6.5546, -30.6467

Details

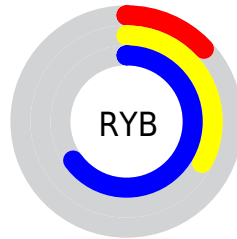
The YUV color **96.9970, 34.5115, -56.1254** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **103.0030, -34.5115, 56.1254**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8240, 33.6108, -47.2036**, and **53.0260, 30.5532, -46.5038** is the 20% darker color. If you saturate the color by 10%, you get **88.3920, 38.7537, -63.4878**, and if you desaturate by 10%, it is **105.6020, 30.2692, -48.7630**.

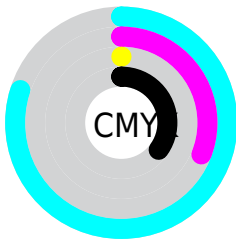
Distribution



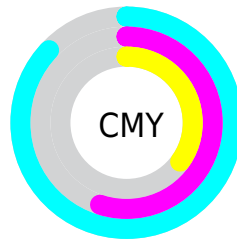
- Red (13%)
- Green (45%)
- Blue (65%)



- Red (13%)
- Yellow (33%)
- Blue (65%)



- Cyan (80%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9970, 34.5115, -56.1254 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 96.9970, 34.5115, -56.1254 by changing the saturation by 10% instead.

■ 96.9970, 34.5115,
-56.1254

■ 96.9970, 34.5115,
-56.1254

■ 255.0000, 0.0000,
0.0000

■ 69.9640, 34.5277,
-61.3584

■ 153.8240, 33.6108,
-47.2036

■ 53.0260, 30.5532,
-46.5038

■ 181.6500, 34.1895,
-46.1741

■ 37.2620, 25.9998,
-32.6788

■ 207.2130, 23.5590,
-43.1598

■ 22.7860, 21.3045,
-19.9833

■ 232.3200, 11.1812,
-39.7456

■ 6.7770, 18.3509,
-5.9434

■ 243.3390, 5.7489,
-23.9763

■ 3.0950, 9.3202,
-2.7143

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 96.9970, 34.5115,
-56.1254

■ 96.9970, 34.5115,
-56.1254

■ 88.3920, 38.7537,
-63.4878

■ 105.6020, 30.2692,
-48.7630

■ 79.4990, 43.1380,
-69.7206

■ 114.4950, 25.8850,
-42.5301

■ 123.1000, 21.6427,
-35.1677

■ 131.7050, 17.4004,
-27.8053

■ 140.5980, 13.0162,
-21.5724

■ 149.2030, 8.7739,
-14.2100

■ 157.8080, 4.5317,
-6.8476

■ 167.0000, 0.0000,
0.0000

■ 175.3060, -4.0949,
6.7476

Harmonies

Analogous

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



89.1700, 31.9612, -78.2021



96.9970, 34.5115, -56.1254



110.0350, 27.0977, -11.4317

Triad

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



96.9970, 34.5115, -56.1254



110.8920, -9.3138, 47.4527



101.5460, -15.0592, -23.2808

Complementary

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



96.9970, 34.5115, -56.1254



103.0030, -34.5115, 56.1254

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.



105.5510, -25.9076, 3.0248



96.9970, 34.5115, -56.1254



109.4600, -20.9328, 40.8156

Square

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



96.9970, 34.5115, -56.1254



112.4040, 4.2378, 40.8647



108.2270, -27.7199, 24.3569



90.9510, 3.9682, -59.5930

Rectangle

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



96.9970, 34.5115, -56.1254



113.1580, 20.6281, 10.3854



108.2270, -27.7199, 24.3569



103.1620, -19.3069, -14.1741

Sweetspot

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



96.9970, 34.5115, -56.1254



189.7120, 13.4530, -21.6724



117.2440, -17.3753, -73.8820



93.3880, 8.1897, -13.4953



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



96.9970, 34.5115, -56.1254



108.4350, 53.5225, -87.2045



58.8420, 53.3219, -22.6634



79.8470, 2.0474, -3.3738



70.8760, 38.0221, -62.1583



9.9110, 4.9739, -8.6919

Inverse Universe

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



82.5280, 16.5017, 74.0819



85.8980, 25.6863, 114.9765



141.1580, -53.3219, 22.6634



78.9620, 1.0047, 4.4183



54.7400, 18.3692, 81.7890



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 96.9970, 34.5115, -56.1254 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 96.9970, 34.5115, -56.1254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

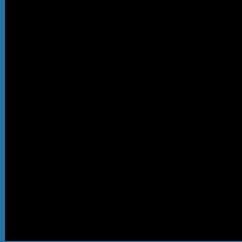
Any Text WCAG AA × Fail

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 96.9970, 34.5115, -56.1254 Background



This preview shows how black text looks on a background with the YUV color 96.9970, 34.5115, -56.1254.

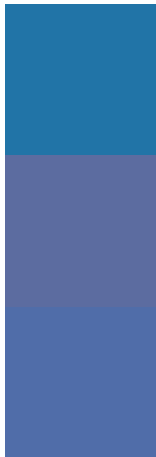


This preview shows how white text looks on a background with the YUV color 96.9970, 34.5115,

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

96.9970, 34.5115, -56.1254

Protanopia

109.1440, 25.0720, -15.0353

Deuteranopia

107.1690, 30.4827, -23.8272



Tritanopia

86.5480, 21.9148, -75.9026

Trichromacy



Original Color

96.9970, 34.5115, -56.1254

Protanomaly

104.9680, 28.6098, -29.7899

Deuteranomaly

103.7330, 31.6836, -35.7228

Tritanomaly

90.4440, 26.4031, -68.7954

Monochromacy



Original Color

96.9970, 34.5115, -56.1254

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0820, 12.2846, -20.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9970, 34.5115, -56.1254 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(33, 116, 167)` looks like.

```
.text, #text, p{  
    color:rgb(33, 116, 167)  
}
```

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(33, 116, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 116, 167) }
```

Border

The CSS property to change the border of an element to YUV 96.9970, 34.5115, -56.1254 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(33, 116, 167) }
```


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

```
.border{ border-color:rgb(33, 116, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 116, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(33, 116, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(33, 116, 167); box-shadow:4px 4px 4px 4px rgb(33, 116, 167) }
```

Background

The CSS property to change the background color of an element to YUV 96.9970, 34.5115, -56.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 116, 167) }
```

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

```
.background{ background-color: rgb(33, 116,  
167) }
```

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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