

Converting Colors

YUV(156.6120, 25.3343,
-5.7987)

Have a look what the booklet for
YUV(156.6120, 25.3343, -5.7987)
contains.

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Color

**YUV(156.6120, 25.3343,
-5.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	9696D0
RGB	150, 150, 208
RGB Percent	59%, 59%, 82%
CMY	0.4118, 0.4118, 0.1843
CMYK	0.28, 0.28, 0.00, 0.18
HSL	240°, 38%, 70%
HSV	240°, 28%, 82%
XYZ	34.8692, 32.8508, 64.1775
YIQ	156.6120, -18.6180, 18.0380

Conversions

Conversions Part 2

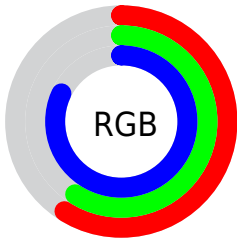
Format	Color
R_{YB}	150, 150, 208
Decimal	9869008
CIE _{Lab}	64.04, 12.94, -29.69
CIE _{LCh}	64, 32.385, 293.543
Yxy	32.8508, 0.2644, 0.2491
Android (android.graphics.Color)	4288059088 (0xFF9696D0)
YUV	156.6120, 25.3343, -5.7987
Hunter-Lab	57.3156, 8.2920, -26.2674

Details

The YUV color $156.6120, 25.3343, -5.7987$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $201.3880, -25.3343, 5.7987$, and the grayscale version is $156.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $210.1130, 22.1293, -4.4841$, and $104.8570, 23.7345, -6.0136$ is the 20% darker color. If you saturate the color by 10%, you get $138.0060, 34.5070, -7.8983$, and if you desaturate by 10%, it is $175.2180, 16.1615, -3.6992$.

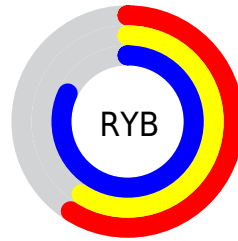
Distribution



Red (59%)

Green (59%)

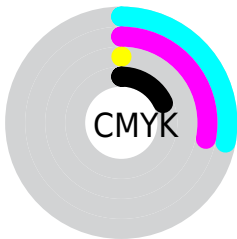
Blue (82%)



Red (59%)

Yellow (59%)

Blue (82%)

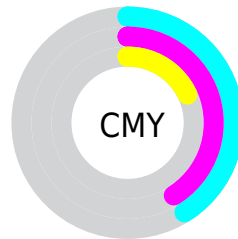


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (41%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6120, 25.3343, -5.7987 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 156.6120, 25.3343, -5.7987 by changing the saturation by 10% instead.

■ 156.6120, 25.3343,
-5.7987

■ 156.6120, 25.3343,
-5.7987

255.0000, 0.0000,
0.0000

■ 130.0850, 24.6081,
-6.2135

■ 210.1130, 22.1293,
-4.4841

■ 104.8570, 23.7345,
-6.0136

■ 235.2200, 9.7515,
-1.0699

■ 80.6180, 22.8663,
-7.5580

■ 56.7920, 22.2875,
-8.5876

■ 34.2540, 21.5668,
-10.7468

■ 11.5530, 21.4194,
-10.1320

■ 4.9360, 13.8356,

-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 156.6120, 25.3343,
-5.7987

■ 156.6120, 25.3343,
-5.7987

■ 138.0060, 34.5070,
-7.8983

■ 175.2180, 16.1615,
-3.6992

■ 119.4000, 43.6798,
-9.9978

■ 193.8240, 6.9888,
-1.5996

■ 101.6800, 52.4158,
-11.9974

■ 211.5440, -1.7472,
0.3999

■ 83.0740, 61.5885,
-14.0969

■ 230.1500,
-10.9199, 2.4995

■ 64.4680, 70.7613,
-16.1964

■ 248.7560,
-20.0927, 4.5990

■ 45.8620, 79.9340,
-18.2960

■ 249.6420,
-20.5295, 4.6990

■ 27.2560, 89.1068,
-20.3955

■ 23.7120, 90.8540,
-20.7954

Harmonies

Analogous

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



149.4830, 30.8209, -39.0116



156.6120, 25.3343, -5.7987



159.4540, 15.0592, 23.2808

Triad

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



156.6120, 25.3343, -5.7987



155.7050, -22.5326, 40.6007



141.1800, 3.3623, -51.9009

Complementary

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



156.6120, 25.3343, -5.7987



201.3880, -25.3343, 5.7987

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.



146.9910, -13.3066, -25.4251



156.6120, 25.3343, -5.7987



153.6290, -27.4251, 23.1274

Square

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



156.6120, 25.3343, -5.7987



157.3220, -11.4977, 47.9526



150.5830, -24.4444, 0.3657



136.1030, 20.1622, -73.7583

Rectangle

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



156.6120, 25.3343, -5.7987



159.2510, 6.2853, 37.4909



150.5830, -24.4444, 0.3657



143.6280, -2.7746, -43.5238

Sweetspot

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



156.6120, 25.3343, -5.7987



237.2800, 8.7360, -1.9996



190.6580, 8.5496, -35.6571



116.4820, 5.6784, -1.2997



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.



156.6120, 25.3343, -5.7987



180.5760, 36.6910, -8.3982



165.2830, 21.0595, 12.0298



95.2540, 4.8048, -1.0998



19.1520, 73.3821, -16.7963



4.6740, 17.9087, -4.0991

Inverse Universe

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



173.9540, 16.7847, 29.8583



205.6920, 24.3088, 43.2431



192.7170, -21.0595, -12.0298



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 156.6120, 25.3343, -5.7987 looks on a white background.

Color Contrast Check

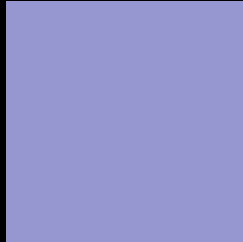
Large Text (above 18pt) WCAG AA × Fail

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 156.6120, 25.3343, -5.7987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

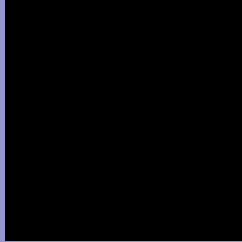
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.6120, 25.3343, -5.7987

Background



This preview shows how black text looks on a background with the YUV color 156.6120, 25.3343, -5.7987.



This preview shows how white text looks on a background with the YUV color 156.6120, 25.3343, -5.7987.

-5.7987.

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

156.6120, 25.3343, -5.7987

Protanopia

155.3120, 26.9612, -14.3056

Deuteranopia

155.5680, 25.3560, -12.7761



Tritanopia

153.9970, 7.8895, -10.5214

Trichromacy



Original Color

156.6120, 25.3343, -5.7987

Protanomaly

155.8070, 26.2241, -11.2317

Deuteranomaly

155.8780, 25.2031, -10.4170

Tritanomaly

154.7290, 14.4306, -8.5323

Monochromacy



Original Color

156.6120, 25.3343, -5.7987

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.5080, 9.6096, -2.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6120, 25.3343, -5.7987 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(150, 150, 208)` looks like.

```
.text, #text, p{  
    color:rgb(150, 150, 208)  
}
```

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(150, 150, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 208) }
```

Border

The CSS property to change the border of an element to YUV 156.6120, 25.3343, -5.7987 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(150, 150, 208) }
```


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

```
.border{ border-color:rgb(150, 150, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 150, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 150, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 150, 208);  
box-shadow:4px 4px 4px 4px rgb(150, 150,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 156.6120, 25.3343, -5.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 208) }
```

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

```
.background{ background-color: rgb(150,  
150, 208) }
```

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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