

Converting Colors

YUV(121.0620, 33.0004, 8.7156)

Have a look what the booklet for
YUV(121.0620, 33.0004, 8.7156)
contains.

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Color

**YUV(121.0620, 33.0004,
8.7156)**

Conversions

Conversions Part 1

Format	Color
Hex	8367BC
RGB	131, 103, 188
RGB Percent	51%, 40%, 74%
CMY	0.4863, 0.5961, 0.2627
CMYK	0.30, 0.45, 0.00, 0.26
HSL	260°, 39%, 57%
HSV	260°, 45%, 74%
XYZ	23.2874, 18.1566, 49.8542
YIQ	121.0620, -10.5970, 32.3710

Conversions

Conversions Part 2

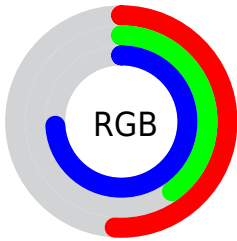
Format	Color
R _{YB}	131, 103, 188
Decimal	8611772
CIE _{Lab}	49.69, 29.74, -40.90
CIE _{LCh}	50, 50.571, 306.026
Yxy	18.1566, 0.2551, 0.1989
Android (android.graphics.Color)	4286801852 (0xFF8367BC)
YUV	121.0620, 33.0004, 8.7156
Hunter-Lab	42.6106, 22.9848, -39.5415

Details

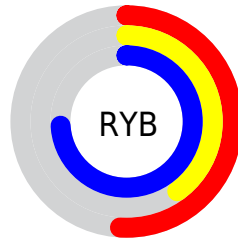
The YUV color **121.0620, 33.0004, 8.7156** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **169.9380, -33.0004, -8.7156**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5290, 34.7422, 10.0601**, and **70.8830, 31.1167, 6.2416** is the 20% darker color. If you saturate the color by 10%, you get **106.0220, 40.4152, 10.5047**, and if you desaturate by 10%, it is **136.1020, 25.5857, 6.9265**.

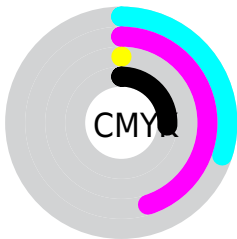
Distribution



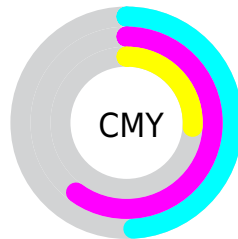
- Red (51%)
- Green (40%)
- Blue (74%)



- Red (51%)
- Yellow (40%)
- Blue (74%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)
- Black (26%)



- Cyan (49%)
- Magenta (60%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0620, 33.0004, 8.7156 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 121.0620, 33.0004, 8.7156 by changing the saturation by 10% instead.

■ 121.0620, 33.0004,
8.7156

■ 121.0620, 33.0004,
8.7156

■ 255.0000, 0.0000,
0.0000

■ 95.8230, 32.1323,
7.1712

■ 174.5290, 34.7422,
10.0601

■ 70.8830, 31.1167,
6.2416

■ 199.8900, 27.1692,
12.3745

■ 47.2310, 29.9591,
4.1824

■ 224.4100, 15.0809,
16.3034

■ 23.5080, 29.8226,
1.3085

■ 245.0210, 4.9196,
8.7516

■ 8.0360, 25.6183,
-3.5396

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 121.0620, 33.0004,
8.7156

■ 121.0620, 33.0004,
8.7156

■ 106.0220, 40.4152,
10.5047

■ 136.1020, 25.5857,
6.9265

■ 91.2810, 47.6825,
12.9086

■ 150.8430, 18.3184,
4.5227

■ 76.8280, 54.8078,
14.1828

■ 165.2960, 11.1931,
3.2484

■ 62.0870, 62.0751,
16.5867

■ 180.0370, 3.9258,
0.8446

■ 47.0470, 69.4898,
18.3758

■ 195.0770, -3.4890,
-0.9445

■ 39.9700, 72.9788,
19.3203

■ 210.1170,
-10.9037, -2.7336

■ 224.8580,
-18.1710, -5.1375

■ 239.3110,
-25.2963, -6.4117

■ 244.0730,
-27.6440, -0.0640

Harmonies

Analogous

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



103.5630, 49.5154, -61.8838



121.0620, 33.0004, 8.7156



120.3740, 16.5776, 49.6610

Triad

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



121.0620, 33.0004, 8.7156



114.9110, -38.4101, 46.5591



95.9570, 14.8112, -84.1543

Complementary

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



121.0620, 33.0004, 8.7156



169.9380, -33.0004, -8.7156

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.



89.0660, -3.9765, -78.1109



121.0620, 33.0004, 8.7156



111.8290, -44.2857, 17.6900

Square

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



121.0620, 33.0004, 8.7156



115.5710, -22.4665, 66.1512



107.2250, -31.6629, -17.7373



100.1580, 33.4461, -87.8386

Rectangle

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



121.0620, 33.0004, 8.7156



117.5580, 4.1619, 65.2856



107.2250, -31.6629, -17.7373



93.6600, 8.5486, -82.1398

Sweetspot

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



121.0620, 33.0004, 8.7156



218.1650, 13.2297, 3.3633



146.7360, 20.3432, -38.3565



106.0740, 7.8515, 1.6891



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.



121.0620, 33.0004, 8.7156



140.9050, 51.3188, 13.2383



133.3210, 26.9567, 33.9215



86.9230, 3.4890, 0.9445



33.5600, 61.3489, 16.1719



6.5240, 12.0667, 3.0485

Inverse Universe

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



134.9130, 12.3679, 46.5573



162.5000, 18.9805, 72.3525



157.6790, -26.9567, -33.9215



88.3750, 1.2941, 4.9331



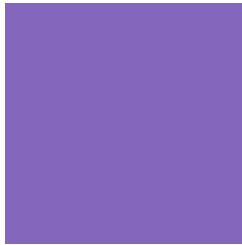
59.3260, 23.0103, 86.5371



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 121.0620, 33.0004, 8.7156 looks on a white background.

Color Contrast Check

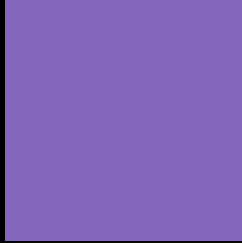
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.0620, 33.0004, 8.7156 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 121.0620, 33.0004, 8.7156

Background



This preview shows how black text looks on a background with the YUV color 121.0620, 33.0004, 8.7156.



This preview shows how white text looks on a background with the YUV color 121.0620, 33.0004, 8.7156.

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

121.0620, 33.0004, 8.7156

Protanopia

115.0080, 41.4081, -28.0710

Deuteranopia

115.1730, 34.4247, -28.2157



Tritanopia

118.6240, 3.6364, 0.3298

Trichromacy



Original Color

121.0620, 33.0004, 8.7156

Protanomaly

117.2870, 38.3125, -15.1607

Deuteranomaly

117.4350, 33.8025, -15.2905

Tritanomaly

119.5070, 14.5400, 3.0634

Monochromacy



Original Color

121.0620, 33.0004, 8.7156

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8230, 11.9193, 3.6632

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0620, 33.0004, 8.7156 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(131, 103, 188)` looks like.

```
.text, #text, p{  
    color:rgb(131, 103, 188)  
}
```

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(131, 103, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 103, 188) }
```

Border

The CSS property to change the border of an element to YUV 121.0620, 33.0004, 8.7156 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(131, 103, 188) }
```


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

```
.border{ border-color:rgb(131, 103, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 103, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 103, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 103, 188);  
box-shadow:4px 4px 4px 4px rgb(131, 103,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 121.0620, 33.0004, 8.7156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 103, 188) }
```

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

```
.background{ background-color: rgb(131,  
103, 188) }
```

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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