

Converting Colors

YUV(120.6540, 14.9606, 8.1964)

Have a look what the booklet for
YUV(120.6540, 14.9606, 8.1964)
contains.

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Color

**YUV(120.6540, 14.9606,
8.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	826E97
RGB	130, 110, 151
RGB Percent	51%, 43%, 59%
CMY	0.4902, 0.5686, 0.4078
CMYK	0.14, 0.27, 0.00, 0.41
HSL	269°, 16%, 51%
HSV	269°, 27%, 59%
XYZ	20.3678, 18.1321, 31.7045
YIQ	120.6540, -1.2410, 16.9910

Conversions

Conversions Part 2

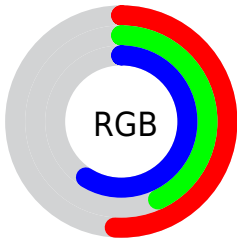
Format	Color
R_{YB}	130, 110, 151
Decimal	8547991
CIE _{Lab}	49.66, 16.21, -19.36
CIE _{LCh}	50, 25.250, 309.933
Yxy	18.1321, 0.2901, 0.2583
Android (android.graphics.Color)	4286738071 (0xFF826E97)
YUV	120.6540, 14.9606, 8.1964
Hunter-Lab	42.5817, 10.8623, -14.3375

Details

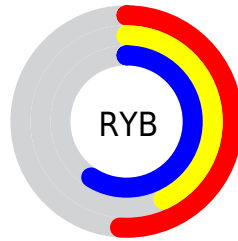
The YUV color **120.6540, 14.9606, 8.1964** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.3460, -14.9606, -8.1964**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1810, 15.6868, 8.6113**, and **71.7140, 13.9450, 7.2668** is the 20% darker color. If you saturate the color by 10%, you get **109.4570, 20.4807, 11.0002**, and if you desaturate by 10%, it is **131.8510, 9.4405, 5.3927**.

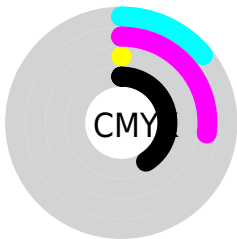
Distribution



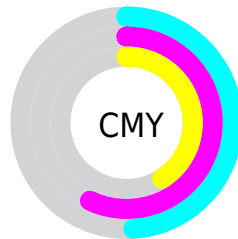
- Red (51%)
- Green (43%)
- Blue (59%)



- Red (51%)
- Yellow (43%)
- Blue (59%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6540, 14.9606, 8.1964 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 120.6540, 14.9606, 8.1964 by changing the saturation by 10% instead.

■ 120.6540, 14.9606,
8.1964

■ 120.6540, 14.9606,
8.1964

■ 255.0000, 0.0000,
0.0000

■ 96.1270, 14.2344,
7.7816

■ 173.1810, 15.6868,
8.6113

■ 71.7140, 13.9450,
7.2668

■ 200.7080, 16.4130,
9.0261

■ 49.1870, 13.2188,
6.8520

■ 228.2090, 13.2080,
10.3407

■ 27.3610, 12.6400,
5.8224

■ 249.1300, 2.8939,
5.1480

■ 8.1330, 11.7664,
6.0224

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 120.6540, 14.9606,
8.1964

■ 120.6540, 14.9606,
8.1964

■ 109.4570, 20.4807,
11.0002

■ 131.8510, 9.4405,
5.3927

■ 98.5590, 25.8534,
14.4188

■ 142.7490, 4.0677,
1.9741

■ 87.3620, 31.3735,
17.2225

■ 153.9460, -1.4524,
-0.8296

■ 76.1650, 36.8937,
20.0263

■ 165.1430, -6.9725,
-3.6334

■ 64.9680, 42.4138,
22.8301

■ 176.9270,
-12.7820, -6.9520

■ 53.4830, 48.0759,
26.7634

■ 187.8250,
-18.1547, -10.3705

■ 42.2860, 53.5960,
29.5672

■ 199.0220,
-23.6748, -13.1743

■ 39.3400, 55.0484,
30.3968

■ 210.2190,
-29.1950, -15.9781

■ 221.4160,
-34.7151, -18.7818

Harmonies

Analogous

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



117.4060, 20.9988, -15.2651



120.6540, 14.9606, 8.1964



121.3590, 5.7390, 25.9952

Triad

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



120.6540, 14.9606, 8.1964



117.9910, -19.7156, 23.6869



106.1080, 9.3138, -47.4527

Complementary

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



120.6540, 14.9606, 8.1964



140.3460, -14.9606, -8.1964

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.



110.4880, -3.6916, -29.3690



120.6540, 14.9606, 8.1964



116.1910, -19.8142, 8.6025

Square

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



120.6540, 14.9606, 8.1964



119.3650, -13.4909, 33.8829



113.5630, -14.0816, -10.1408



105.1210, 19.6603, -52.7261

Rectangle

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



120.6540, 14.9606, 8.1964



120.9810, -0.9766, 33.3427



113.5630, -14.0816, -10.1408



107.5880, 4.6401, -41.7347

Sweetspot

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



120.6540, 14.9606, 8.1964



184.8030, 5.5201, 2.8038



127.0010, 11.8315, -14.9099



92.2220, 3.3416, 1.5593



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.6540, 14.9606, 8.1964



148.5650, 23.3855, 12.6595



126.6340, 12.0124, 20.4920



71.1080, 2.9048, 1.6593



36.2920, 51.1280, 27.8079



3.2760, 4.7939, 2.3889

Inverse Universe

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



124.6530, 3.1291, 23.1063



154.8980, 4.9803, 36.0465



134.3660, -12.0124, -20.4920



71.8480, 0.5679, 4.5183



50.0680, 10.8125, 78.8704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 120.6540, 14.9606, 8.1964 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 120.6540, 14.9606, 8.1964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

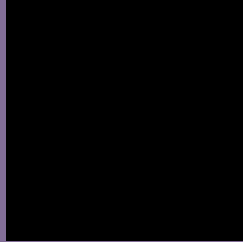
Any Text WCAG AA ✓ Pass

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 120.6540, 14.9606, 8.1964 Background



This preview shows how black text looks on a background with the YUV color 120.6540, 14.9606, 8.1964.



This preview shows how white text looks on a background with the YUV color 120.6540, 14.9606, 8.1964.

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

120.6540, 14.9606, 8.1964

Protanopia

118.4560, 18.5092, -10.0469

Deuteranopia

118.9790, 15.2934, -5.2436



Tritanopia

119.3150, 2.3097, 5.8627

Trichromacy



Original Color

120.6540, 14.9606, 8.1964

Protanomaly

118.8590, 17.3245, -3.3843

Deuteranomaly

119.5990, 14.9877, -0.5253

Tritanomaly

119.5800, 7.1091, 6.5073

Monochromacy



Original Color

120.6540, 14.9606, 8.1964

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6540, 14.9606, 8.1964 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(130, 110, 151)` looks like.

```
.text, #text, p{  
    color:rgb(130, 110, 151)  
}
```

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(130, 110, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 110, 151) }
```

Border

The CSS property to change the border of an element to YUV 120.6540, 14.9606, 8.1964 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(130, 110, 151) }
```


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

```
.border{ border-color:rgb(130, 110, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 110, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 110, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 110, 151);  
box-shadow:4px 4px 4px 4px rgb(130, 110,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 120.6540, 14.9606, 8.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 110, 151) }
```

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

```
.background{ background-color: rgb(130,  
110, 151) }
```

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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