

Converting Colors

YUV(131.4090, 16.5604, 8.4113)

Have a look what the booklet for
YUV(131.4090, 16.5604, 8.4113)
contains.

YUV(131.4090, 16.5604, 8.4113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.4090, 16.5604,
8.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	8D78A5
RGB	141, 120, 165
RGB Percent	55%, 47%, 65%
CMY	0.4471, 0.5294, 0.3529
CMYK	0.15, 0.27, 0.00, 0.35
HSL	268°, 20%, 56%
HSV	268°, 27%, 65%
XYZ	24.4925, 21.8123, 38.5166
YIQ	131.4090, -1.9290, 18.4470

Conversions

Conversions Part 2

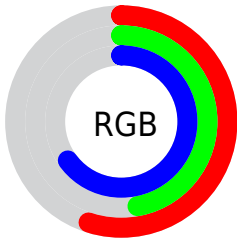
Format	Color
R_{YB}	141, 120, 165
Decimal	9271461
CIE _{Lab}	53.83, 17.20, -21.05
CIE _{LCh}	54, 27.185, 309.241
Yxy	21.8123, 0.2888, 0.2572
Android (android.graphics.Color)	4287461541 (0xFF8D78A5)
YUV	131.4090, 16.5604, 8.4113
Hunter-Lab	46.7036, 11.8784, -16.2041

Details

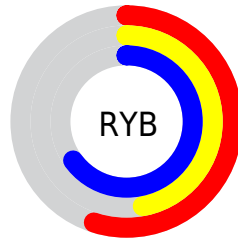
The YUV color **131.4090, 16.5604, 8.4113** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.5910, -16.5604, -8.4113**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3490, 17.5759, 9.3409**, and **81.4690, 15.5448, 7.4817** is the 20% darker color. If you saturate the color by 10%, you get **118.7390, 22.8067, 11.6299**, and if you desaturate by 10%, it is **144.0790, 10.3141, 5.1927**.

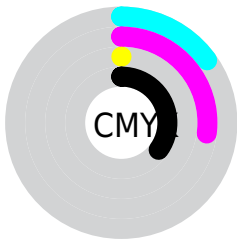
Distribution



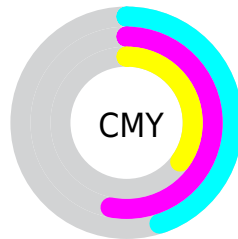
- Red (55%)
- Green (47%)
- Blue (65%)



- Red (55%)
- Yellow (47%)
- Blue (65%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4090, 16.5604, 8.4113 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 131.4090, 16.5604, 8.4113 by changing the saturation by 10% instead.

■ 131.4090, 16.5604,
8.4113

■ 131.4090, 16.5604,
8.4113

255.0000, 0.0000,
0.0000

■ 105.9960, 16.2710,
7.8965

■ 184.3490, 17.5759,
9.3409

■ 81.4690, 15.5448,
7.4817

■ 212.4630, 18.0127,
9.2409

■ 58.5290, 14.5292,
6.5521

■ 238.2540, 8.2558,
12.0552

■ 36.1160, 14.2398,
6.0373

■ 13.5400, 14.5238,
8.2964

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 131.4090, 16.5604,
8.4113

■ 131.4090, 16.5604,
8.4113

■ 118.7390, 22.8067,
11.6299

■ 144.0790, 10.3141,
5.1927

■ 106.6560, 28.7636,
14.3337

■ 156.1620, 4.3571,
2.4889

■ 94.2850, 34.8625,
18.1671

■ 168.5330, -1.7418,
-1.3444

■ 82.2020, 40.8194,
20.8708

■ 180.6160, -7.6987,
-4.0482

■ 69.5320, 47.0657,
24.0894

■ 193.2860,
-13.9450, -7.2668

■ 57.4490, 53.0226,
26.7932

■ 205.3690,
-19.9019, -9.9706

44.7790, 59.2690,
30.0118

217.4520,
-25.8588, -12.6744

41.8330, 60.7213,
30.8415

229.8230,
-31.9577, -16.5078

234.2750,
-34.1526, -12.5192

Harmonies

Analogous

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



127.3780, 23.4776, -16.9945



131.4090, 16.5604, 8.4113



132.0110, 6.8966, 28.0544

Triad

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



131.4090, 16.5604, 8.4113



128.8450, -21.6156, 26.4459



115.2000, 9.7614, -51.0414

Complementary

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



131.4090, 16.5604, 8.4113



153.5910, -16.5604, -8.4113

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.



119.9500, -4.4123, -31.5281



131.4090, 16.5604, 8.4113



126.9200, -22.1456, 9.7172

Square

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



131.4090, 16.5604, 8.4113



129.7460, -14.6648, 37.0568



123.8080, -15.6813, -10.3556



114.1310, 21.1344, -58.8739

Rectangle

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



131.4090, 16.5604, 8.4113



131.7040, -0.8401, 36.2166



123.8080, -15.6813, -10.3556



116.6800, 5.0878, -45.3234

Sweetspot

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



131.4090, 16.5604, 8.4113



201.3300, 6.2463, 3.2186



139.2180, 12.7105, -16.8542



98.7490, 4.0677, 1.9741



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



131.4090, 16.5604, 8.4113



161.8470, 25.7114, 13.2892



137.9870, 13.3174, 21.9364



75.2220, 3.3416, 1.5593



36.8620, 53.3120, 27.3080



4.4440, 6.6831, 3.1186

Inverse Universe

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



136.1910, 3.8498, 25.2655



169.1480, 5.8430, 39.3352



146.7140, -13.1700, -22.5512



76.2610, 0.8573, 5.0331



52.2470, 12.6962, 81.3444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 131.4090, 16.5604, 8.4113 looks on a white background.

Color Contrast Check

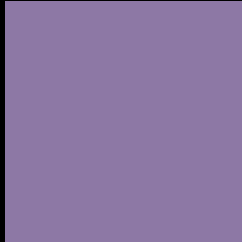
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 131.4090, 16.5604, 8.4113 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 131.4090, 16.5604, 8.4113

Background



This preview shows how black text looks on a background with the YUV color 131.4090, 16.5604, 8.4113.



This preview shows how white text looks on a background with the YUV color 131.4090, 16.5604,

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

131.4090, 16.5604, 8.4113

Protanopia

128.9120, 20.2564, -10.4468

Deuteranopia

129.4350, 17.0405, -5.6435



Tritanopia

130.0160, 2.4571, 5.2480

Trichromacy



Original Color

131.4090, 16.5604, 8.4113

Protanomaly

129.6140, 18.9243, -3.1695

Deuteranomaly

130.3540, 16.5875, -0.3105

Tritanomaly

130.6940, 7.5459, 6.4074

Monochromacy



Original Color

131.4090, 16.5604, 8.4113

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.2160, 5.8095, 3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4090, 16.5604, 8.4113 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(141, 120, 165)` looks like.

```
.text, #text, p{  
    color:rgb(141, 120, 165)  
}
```

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(141, 120, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 120, 165) }
```

Border

The CSS property to change the border of an element to YUV 131.4090, 16.5604, 8.4113 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(141, 120, 165) }
```


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

```
.border{ border-color:rgb(141, 120, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 120, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 120, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 120, 165); box-shadow:4px 4px 4px 4px rgb(141, 120, 165) }
```

Background

The CSS property to change the background color of an element to YUV 131.4090, 16.5604, 8.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 120, 165) }
```

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

```
.background{ background-color: rgb(141,  
120, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor