

Converting Colors

YUV(134.2990, 20.0656, 4.1228)

Have a look what the booklet for
YUV(134.2990, 20.0656, 4.1228)
contains.

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Color

**YUV(134.2990, 20.0656,
4.1228)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7CAF
RGB	139, 124, 175
RGB Percent	55%, 49%, 69%
CMY	0.4549, 0.5137, 0.3137
CMYK	0.21, 0.29, 0.00, 0.31
HSL	258°, 24%, 59%
HSV	258°, 29%, 69%
XYZ	25.5930, 22.9994, 43.6479
YIQ	134.2990, -7.4310, 19.0410

Conversions

Conversions Part 2

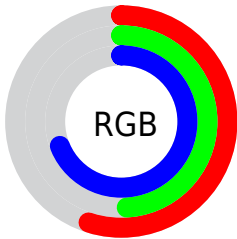
Format	Color
RYB	139, 124, 175
Decimal	9141423
CIELab	55.07, 16.53, -24.93
CIElCh	55, 29.912, 303.544
Yxy	22.9994, 0.2775, 0.2493
Android (android.graphics.Color)	4287331503 (0xFF8B7CAF)
YUV	134.2990, 20.0656, 4.1228
Hunter-Lab	47.9577, 11.3318, -20.3914

Details

The YUV color **134.2990, 20.0656, 4.1228** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **164.7010, -20.0656, -4.1228**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9400, 21.2286, 4.4376**, and **84.2450, 18.6132, 3.2931** is the 20% darker color. If you saturate the color by 10%, you get **120.1450, 27.0435, 6.0118**, and if you desaturate by 10%, it is **148.4530, 13.0877, 2.2337**.

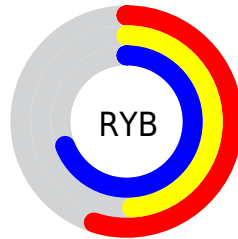
Distribution



Red (55%)

Green (49%)

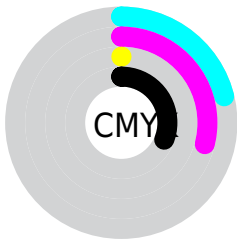
Blue (69%)



Red (55%)

Yellow (49%)

Blue (69%)

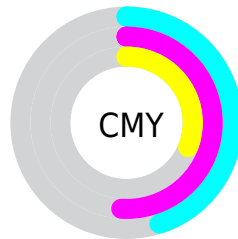


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.2990, 20.0656, 4.1228 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 134.2990, 20.0656, 4.1228 by changing the saturation by 10% instead.

■ 134.2990, 20.0656,
4.1228

■ 134.2990, 20.0656,
4.1228

■ 255.0000, 0.0000,
0.0000

■ 108.7720, 19.3394,
3.7080

■ 187.9400, 21.2286,
4.4376

■ 84.2450, 18.6132,
3.2931

■ 214.8970, 19.7708,
5.3523

■ 60.7180, 17.8870,
2.8783

■ 240.0040, 7.3930,
8.7665

■ 38.4790, 17.0189,
1.3339

■ 16.3650, 16.5821,
1.4339

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 134.2990, 20.0656,
4.1228

■ 134.2990, 20.0656,
4.1228

■ 120.1450, 27.0435,
6.0118

■ 148.4530, 13.0877,
2.2337

■ 106.2790, 33.8795,
6.7713

■ 162.3190, 6.2517,
1.4742

■ 92.7120, 40.5680,
8.1456

■ 176.4730, -0.7262,
-0.4148

■ 78.5580, 47.5459,
10.0346

■ 190.0400, -7.4147,
-1.7891

■ 64.6920, 54.3818,
10.7941

■ 204.4930,
-14.5400, -3.0634

■ 50.5380, 61.3598,
12.6832

■ 218.0600,
-21.2286, -4.4376

■ 36.3840, 68.3377,
14.5722

■ 232.2140,
-28.2065, -6.3267

■ 35.1990, 68.9219,
13.8575

■ 240.7970,
-32.4379, -2.4530

■ 244.3850,
-34.2068, 4.9244

Harmonies

Analogous

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



128.8330, 26.7043, -25.2865



134.2990, 20.0656, 4.1228



135.6950, 9.5174, 27.4545

Triad

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



134.2990, 20.0656, 4.1228



131.6500, -22.5054, 31.8790



117.1240, 8.3199, -55.3597

Complementary

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



134.2990, 20.0656, 4.1228



164.7010, -20.0656, -4.1228

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.



123.1520, -7.4699, -30.8283



134.2990, 20.0656, 4.1228



129.6710, -24.4878, 14.3205

Square

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



134.2990, 20.0656, 4.1228



133.5940, -14.0968, 41.5751



127.2060, -19.3286, -7.1967



112.3250, 23.5038, -72.1990

Rectangle

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



134.2990, 20.0656, 4.1228



134.8120, 2.0647, 37.8759



127.2060, -19.3286, -7.1967



118.8000, 3.0566, -47.1826

Sweetspot

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



134.2990, 20.0656, 4.1228



211.0740, 7.8515, 1.6891



151.5330, 11.5692, -24.1464



104.6780, 5.0887, 1.1594



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



134.2990, 20.0656, 4.1228



163.8830, 31.1167, 6.2416



141.7740, 16.3804, 19.4922



79.9230, 3.4890, 0.9445



30.2560, 59.0338, 12.0535



4.7150, 9.0145, 2.0039

Inverse Universe

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



143.3530, 8.2070, 27.7544



178.0050, 12.8155, 42.9686



157.2260, -16.3804, -19.4922



81.3750, 1.2941, 4.9331



56.9340, 24.1895, 81.6189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 134.2990, 20.0656, 4.1228 looks on a white background.

Color Contrast Check

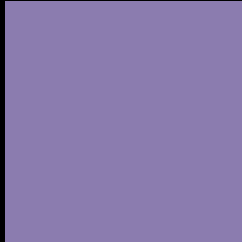
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.2990, 20.0656, 4.1228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

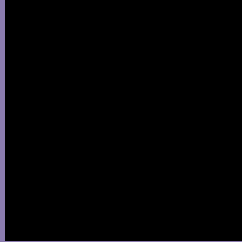
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.2990, 20.0656, 4.1228

Background



This preview shows how black text looks on a background with the YUV color 134.2990, 20.0656, 4.1228.



This preview shows how white text looks on a background with the YUV color 134.2990, 20.0656, 4.1228.

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

134.2990, 20.0656, 4.1228

Protanopia

131.8130, 23.7562, -12.9910

Deuteranopia

132.6240, 20.3984, -9.3172



Tritanopia

132.7380, 4.0732, 0.2298

Trichromacy



Original Color

134.2990, 20.0656, 4.1228

Protanomaly

132.8030, 22.2821, -6.8432

Deuteranomaly

133.2440, 20.0927, -4.5990

Tritanomaly

132.9430, 9.8881, 1.8040

Monochromacy



Original Color

134.2990, 20.0656, 4.1228

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9600, 7.4147, 1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.2990, 20.0656, 4.1228 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(139, 124, 175)` looks like.

```
.text, #text, p{  
    color:rgb(139, 124, 175)  
}
```

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(139, 124, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 124, 175) }
```

Border

The CSS property to change the border of an element to YUV 134.2990, 20.0656, 4.1228 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(139, 124, 175) }
```


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

```
.border{ border-color:rgb(139, 124, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 124, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 124, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 124, 175);  
box-shadow:4px 4px 4px 4px rgb(139, 124,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 134.2990, 20.0656, 4.1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 124, 175) }
```

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

```
.background{ background-color: rgb(139,  
124, 175) }
```

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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