

Converting Colors

YUV(128.3650, 20.0331,
14.5889)

Have a look what the booklet for
YUV(128.3650, 20.0331, 14.5889)
contains.

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Color

**YUV(128.3650, 20.0331,
14.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	9170A9
RGB	145, 112, 169
RGB Percent	57%, 44%, 66%
CMY	0.4314, 0.5608, 0.3373
CMYK	0.14, 0.34, 0.00, 0.34
HSL	275°, 25%, 55%
HSV	275°, 34%, 66%
XYZ	24.6327, 20.4727, 40.1895
YIQ	128.3650, 1.3710, 24.7230

Conversions

Conversions Part 2

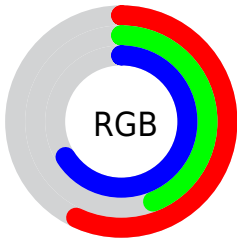
Format	Color
R_{YB}	145, 112, 169
Decimal	9531561
CIE _{Lab}	52.37, 24.10, -25.59
CIE _{LCh}	52, 35.149, 313.276
Yxy	20.4727, 0.2888, 0.2400
Android (android.graphics.Color)	4287721641 (0xFF9170A9)
YUV	128.3650, 20.0331, 14.5889
Hunter-Lab	45.2467, 17.9950, -20.9904

Details

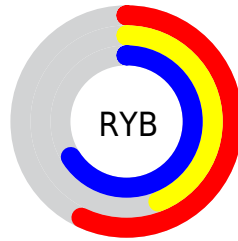
The YUV color **128.3650, 20.0331, 14.5889** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **152.6350, -20.0331, -14.5889**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6040, 20.9012, 16.1333**, and **79.0120, 18.7281, 13.1445** is the 20% darker color. If you saturate the color by 10%, you get **116.2930, 25.9846, 19.0370**, and if you desaturate by 10%, it is **140.4370, 14.0816, 10.1408**.

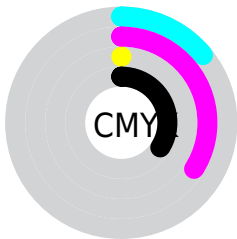
Distribution



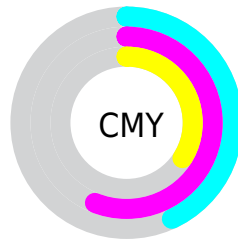
- Red (57%)
- Green (44%)
- Blue (66%)



- Red (57%)
- Yellow (44%)
- Blue (66%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (34%)



- Cyan (43%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3650, 20.0331, 14.5889 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 128.3650, 20.0331, 14.5889 by changing the saturation by 10% instead.

128.3650, 20.0331,
14.5889

128.3650, 20.0331,
14.5889

255.0000, 0.0000,
0.0000

102.8380, 19.3069,
14.1741

181.6040, 20.9012,
16.1333

79.0120, 18.7281,
13.1445

209.1310, 21.6274,
16.5481

55.1860, 18.1493,
12.1149

233.8680, 10.4181,
18.5328

32.3600, 17.5705,
11.0853

250.8910, 2.0257,
3.6036

13.0180, 16.2601,
11.3852

3.3230, 10.1938,
-2.9143

0.0000, 0.0000,

0.0000

■ 128.3650, 20.0331,
14.5889

■ 128.3650, 20.0331,
14.5889

■ 116.2930, 25.9846,
19.0370

■ 140.4370, 14.0816,
10.1408

■ 104.2210, 31.9360,
23.4852

■ 152.5090, 8.1301,
5.6926

■ 92.1490, 37.8875,
27.9333

■ 164.5810, 2.1786,
1.2445

■ 80.0770, 43.8390,
32.3815

■ 176.6530, -3.7729,
-3.2037

■ 67.7060, 49.9379,
36.2148

■ 188.4370, -9.5824,
-6.5222

■ 56.2210, 55.6000,
40.1482

■ 200.5090,
-15.5339, -10.9704

■ 48.5680, 59.3730,
43.3519

■ 212.5810,
-21.4854, -15.4185

■ 224.6530,
-27.4369, -19.8667

■ 231.4420,
-30.7839, -19.6816

Harmonies

Analogous

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



123.2620, 29.4508, -19.5238



128.3650, 20.0331, 14.5889



128.4900, 7.1534, 39.0353

Triad

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



128.3650, 20.0331, 14.5889



123.5590, -27.8836, 30.2048



98.4990, 19.4740, -86.3836

Complementary

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



128.3650, 20.0331, 14.5889



152.6350, -20.0331, -14.5889

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.



110.2360, -1.5953, -48.4420



128.3650, 20.0331, 14.5889



121.1280, -27.6711, 8.6577

Square

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



128.3650, 20.0331, 14.5889



125.4220, -19.9280, 45.2339



117.3680, -18.4224, -17.8627



100.4030, 31.8463, -88.0534

Rectangle

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



128.3650, 20.0331, 14.5889



126.8410, -1.8936, 47.4974



117.3680, -18.4224, -17.8627



97.2450, 14.6692, -85.2839

Sweetspot

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



128.3650, 20.0331, 14.5889



203.3950, 7.6933, 5.7926



133.1730, 17.6627, -18.5687



99.9880, 4.9359, 3.5185



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.3650, 20.0331, 14.5889



156.8680, 30.6311, 22.0408



135.0850, 14.7481, 29.7435



78.4070, 2.7573, 2.2741



42.5860, 51.9691, 38.0741



5.8680, 6.9671, 5.3778

Inverse Universe

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



131.7790, 2.0810, 32.6428



162.2310, 3.3371, 49.7864



145.9150, -14.7481, -29.7435



78.7340, 0.1311, 4.6183



51.3200, 5.2652, 84.7884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 128.3650, 20.0331, 14.5889 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 128.3650, 20.0331, 14.5889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

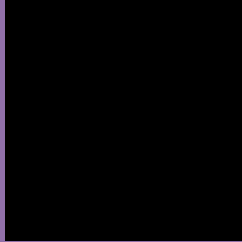
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.3650, 20.0331, 14.5889

Background



This preview shows how black text looks on a background with the YUV color 128.3650, 20.0331, 14.5889.



This preview shows how white text looks on a background with the YUV color 128.3650, 20.0331,

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

128.3650, 20.0331, 14.5889

Protanopia

124.7850, 26.2350, -14.7204

Deuteranopia

125.3250, 20.5458, -9.9320



Tritanopia

126.7070, 1.1304, 10.7810

Trichromacy



Original Color

128.3650, 20.0331, 14.5889

Protanomaly

125.9820, 24.1659, -4.3692

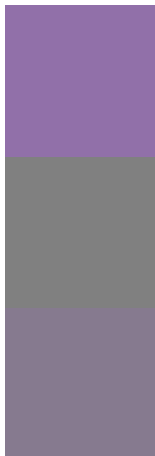
Deuteranomaly

126.3800, 20.5187, -1.2103

Tritanomaly

127.2540, 8.2558, 12.0552

Monochromacy



Original Color

128.3650, 20.0331, 14.5889

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3650, 20.0331, 14.5889 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(145, 112, 169)` looks like.

```
.text, #text, p{  
    color:rgb(145, 112, 169)  
}
```

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(145, 112, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 112, 169) }
```

Border

The CSS property to change the border of an element to YUV 128.3650, 20.0331, 14.5889 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(145, 112, 169) }
```


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

```
.border{ border-color:rgb(145, 112, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 112, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 112, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 112, 169);  
box-shadow:4px 4px 4px 4px rgb(145, 112,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 128.3650, 20.0331, 14.5889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 112, 169) }
```

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

```
.background{ background-color: rgb(145,  
112, 169) }
```

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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