

Converting Colors

YUV(145.7140, 34.1580,
10.7748)

Have a look what the booklet for
YUV(145.7140, 34.1580, 10.7748)
contains.

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Color

**YUV(145.7140, 34.1580,
10.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7ED7
RGB	158, 126, 215
RGB Percent	62%, 49%, 84%
CMY	0.3804, 0.5059, 0.1569
CMYK	0.27, 0.41, 0.00, 0.16
HSL	262°, 53%, 67%
HSV	262°, 41%, 84%
XYZ	33.8271, 27.0971, 67.7374
YIQ	145.7140, -9.4970, 34.4630

Conversions

Conversions Part 2

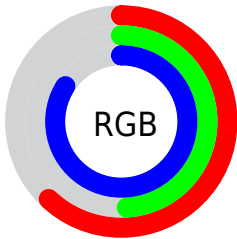
Format	Color
R_{YB}	158, 126, 215
Decimal	10387159
CIE _{Lab}	59.06, 30.78, -41.31
CIE _{LCh}	59, 51.519, 306.689
Yxy	27.0971, 0.2629, 0.2106
Android (android.graphics.Color)	4288577239 (0xFF9E7ED7)
YUV	145.7140, 34.1580, 10.7748
Hunter-Lab	52.0549, 24.8997, -40.7138

Details

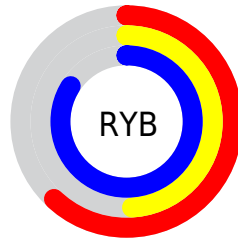
The YUV color **145.7140, 34.1580, 10.7748** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **195.2860, -34.1580, -10.7748**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1290, 28.0374, 13.9189**, and **93.9480, 32.5636, 8.8156** is the 20% darker color. If you saturate the color by 10%, you get **129.2010, 42.2989, 12.9787**, and if you desaturate by 10%, it is **162.8140, 25.7277, 8.0561**.

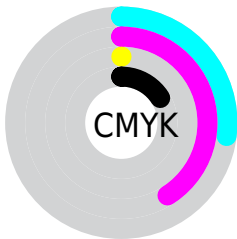
Distribution



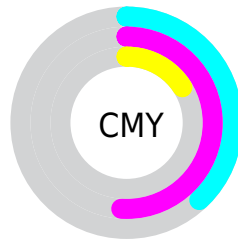
- Red (62%)
- Green (49%)
- Blue (84%)



- Red (62%)
- Yellow (49%)
- Blue (84%)



- Cyan (27%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7140, 34.1580, 10.7748 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 145.7140, 34.1580, 10.7748 by changing the saturation by 10% instead.

145.7140, 34.1580,
10.7748

145.7140, 34.1580,
10.7748

255.0000, 0.0000,
0.0000

119.7740, 33.1424,
9.8452

198.1290, 28.0374,
13.9189

93.9480, 32.5636,
8.8156

223.2360, 15.6597,
17.3330

69.5950, 31.2587,
7.3712

243.2600, 5.7878,
10.2960

46.0570, 30.5379,
5.2120

21.9210, 30.1119,
1.8233

7.3240, 25.4763,
-4.6691

5.2780, 15.1459,

-4.6288

■ 1.4820, 5.6784,
-1.2997

■ 0.0000, 0.0000,
0.0000

■ 145.7140, 34.1580,
10.7748

■ 145.7140, 34.1580,
10.7748

■ 129.2010, 42.2989,
12.9787

■ 162.8140, 25.7277,
8.0561

■ 112.1010, 50.7292,
15.6974

■ 179.3270, 17.5868,
5.8522

■ 95.8870, 58.7227,
18.5161

■ 196.1280, 9.3039,
2.5187

■ 78.7870, 67.1530,
21.2348

■ 212.6410, 1.1630,
0.3148

62.2740, 75.2939,
23.4387

229.7410, -7.2673,
-2.4039

47.5330, 82.5612,
25.8426

246.2540,
-15.4082, -4.6078

250.1410,
-17.3245, 3.3843

250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



132.8030, 48.9041, -52.4472



145.7140, 34.1580, 10.7748



145.6840, 16.4248, 52.0201

Triad

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



145.7140, 34.1580, 10.7748



139.3520, -40.5995, 48.8033



113.4820, 18.4964, -99.5237

Complementary

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



145.7140, 34.1580, 10.7748



195.2860, -34.1580, -10.7748

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.



116.9310, -5.8820, -73.6075



145.7140, 34.1580, 10.7748



136.4270, -44.5805, 18.9195

Square

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



145.7140, 34.1580, 10.7748



140.6100, -24.9507, 69.6250



131.3990, -32.2417, -18.7669



117.9110, 38.0049, -103.4079

Rectangle

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



145.7140, 34.1580, 10.7748



142.9390, 2.9881, 68.4595



131.3990, -32.2417, -18.7669



111.6580, 11.5076, -97.9241

Sweetspot

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



145.7140, 34.1580, 10.7748



230.8230, 11.9193, 3.6632



170.1920, 22.0903, -38.7564



113.8460, 6.9779, 1.8891



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



145.7140, 34.1580, 10.7748



155.9330, 48.8400, 14.9678



158.8700, 27.6721, 37.8250



98.4500, 4.2152, 1.3594



37.7330, 65.7006, 20.4052



9.6860, 16.4238, 5.5374

Inverse Universe

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



159.1090, 11.7783, 49.0164



175.2070, 16.6599, 69.9785



182.1300, -27.6721, -37.8250



100.0870, 1.4361, 6.0627



63.5550, 22.4044, 94.2293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 145.7140, 34.1580, 10.7748 looks on a white background.

Color Contrast Check

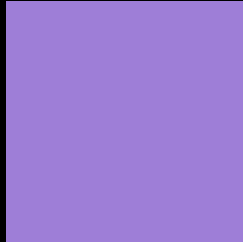
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7140, 34.1580, 10.7748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

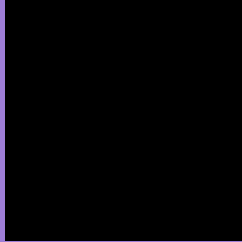
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.7140, 34.1580, 10.7748

Background



This preview shows how black text looks on a background with the YUV color 145.7140, 34.1580, 10.7748.



This preview shows how white text looks on a background with the YUV color 145.7140, 34.1580,

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

145.7140, 34.1580, 10.7748

Protanopia

140.0620, 42.8604, -27.2414

Deuteranopia

140.1240, 35.4349, -25.5417



Tritanopia

143.0480, 3.9203, 2.5889

Trichromacy



Original Color

145.7140, 34.1580, 10.7748

Protanomaly

142.0530, 39.9069, -13.2015

Deuteranomaly

142.3860, 34.8127, -12.6165

Tritanomaly

143.9310, 14.8240, 5.3225

Monochromacy



Original Color

145.7140, 34.1580, 10.7748

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7140, 34.1580, 10.7748 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(158, 126, 215)` looks like.

```
.text, #text, p{  
    color:rgb(158, 126, 215)  
}
```

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(158, 126, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 126, 215) }
```

Border

The CSS property to change the border of an element to YUV 145.7140, 34.1580, 10.7748 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(158, 126, 215) }
```


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

```
.border{ border-color:rgb(158, 126, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 126, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 126, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 126, 215);  
box-shadow:4px 4px 4px 4px rgb(158, 126,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 145.7140, 34.1580, 10.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 126, 215) }
```

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

```
.background{ background-color: rgb(158,  
126, 215) }
```

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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