

Converting Colors

YUV(145.6540, 35.1736,
11.7044)

Have a look what the booklet for
YUV(145.6540, 35.1736, 11.7044)
contains.

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Color

**YUV(145.6540, 35.1736,
11.7044)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7DD9
RGB	159, 125, 217
RGB Percent	62%, 49%, 85%
CMY	0.3765, 0.5098, 0.1490
CMYK	0.27, 0.42, 0.00, 0.15
HSL	262°, 55%, 67%
HSV	262°, 42%, 85%
XYZ	34.1561, 27.0479, 69.0662
YIQ	145.6540, -9.2680, 35.8200

Conversions

Conversions Part 2

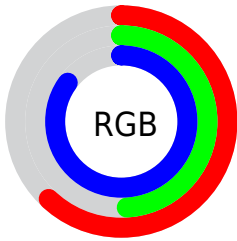
Format	Color
RYB	159, 125, 217
Decimal	10452441
CIELab	59.02, 32.12, -42.50
CIELCh	59, 53.274, 307.082
Yxy	27.0479, 0.2622, 0.2076
Android (android.graphics.Color)	4288642521 (0xFF9F7DD9)
YUV	145.6540, 35.1736, 11.7044
Hunter-Lab	52.0076, 26.2168, -42.3319

Details

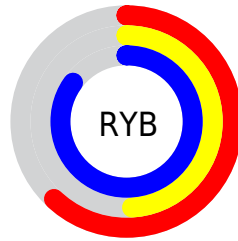
The YUV color **145.6540, 35.1736, 11.7044** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **196.3460, -35.1736, -11.7044**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8410, 28.1794, 15.0484**, and **93.8880, 33.5792, 9.7452** is the 20% darker color. If you saturate the color by 10%, you get **128.5540, 43.6039, 14.4231**, and if you desaturate by 10%, it is **162.7540, 26.7433, 8.9857**.

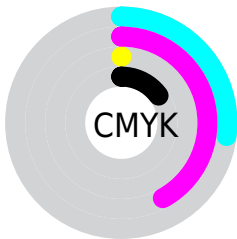
Distribution



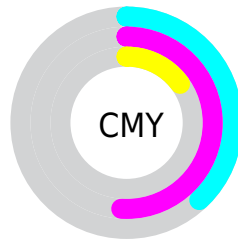
- Red (62%)
- Green (49%)
- Blue (85%)



- Red (62%)
- Yellow (49%)
- Blue (85%)



- Cyan (27%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (51%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6540, 35.1736, 11.7044 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 145.6540, 35.1736, 11.7044 by changing the saturation by 10% instead.

■ 145.6540, 35.1736,
11.7044

■ 145.6540, 35.1736,
11.7044

255.0000, 0.0000,
0.0000

■ 119.7140, 34.1580,
10.7748

■ 197.8410, 28.1794,
15.0484

■ 93.8880, 33.5792,
9.7452

■ 222.9480, 15.8016,
18.4626

■ 69.5350, 32.2742,
8.3008

■ 242.6730, 6.0772,
10.8108

■ 45.2960, 31.4061,
6.7564

■ 21.1600, 30.9801,
3.3677

■ 7.2530, 26.4973,
-5.4839

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 145.6540, 35.1736,
11.7044

■ 145.6540, 35.1736,
11.7044

■ 128.5540, 43.6039,
14.4231

■ 162.7540, 26.7433,
8.9857

■ 112.3400, 51.5974,
17.2418

■ 178.9680, 18.7498,
6.1671

■ 95.2400, 60.0277,
19.9605

■ 196.0680, 10.3195,
3.4484

■ 78.1400, 68.4580,
22.6792

■ 213.1680, 1.8892,
0.7297

■ 61.3390, 76.7409,
26.0127

■ 229.9690, -6.3937,
-2.6038

■ 48.6580, 82.9926,
27.4869

■ 246.4820,
-14.5346, -4.8077

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



131.6500, 50.9516, -55.8210



145.6540, 35.1736, 11.7044



145.4070, 16.5613, 54.8941

Triad

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



145.6540, 35.1736, 11.7044



138.7220, -41.7679, 50.2328



114.1830, 18.6438, -100.1385

Complementary

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



145.6540, 35.1736, 11.7044



196.3460, -35.1736, -11.7044

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.



112.0330, -3.9603, -83.3439



145.6540, 35.1736, 11.7044



135.5580, -46.6171, 18.8046

Square

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



145.6540, 35.1736, 11.7044



140.3930, -25.8297, 71.5693



130.1600, -33.1099, -20.3113



118.1390, 38.8785, -103.6079

Rectangle

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



145.6540, 35.1736, 11.7044



142.6620, 3.1246, 71.3334



130.1600, -33.1099, -20.3113



111.7720, 11.9444, -98.0240

Sweetspot

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



145.6540, 35.1736, 11.7044



229.3500, 12.6455, 4.0781



169.5340, 23.4007, -39.0563



111.7860, 7.9935, 2.8187



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.



145.6540, 35.1736, 11.7044



154.1720, 49.7082, 16.5122



159.4080, 28.3929, 39.9842



101.4500, 4.2151, 1.3593



38.8580, 66.1320, 22.0495



10.3270, 17.5868, 5.8522

Inverse Universe

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



159.1200, 11.7728, 50.7608



173.2180, 16.6545, 71.7228



182.5920, -28.3929, -39.9842



103.0870, 1.4361, 6.0627



64.1530, 22.1096, 95.4588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 145.6540, 35.1736, 11.7044 looks on a white background.

Color Contrast Check

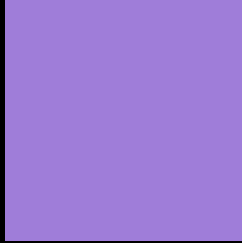
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.6540, 35.1736, 11.7044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

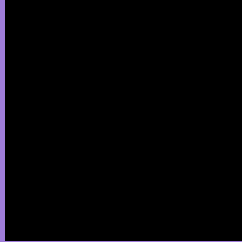
Any Text WCAG AA ✓ Pass

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 145.6540, 35.1736, 11.7044 Background



This preview shows how black text looks on a background with the YUV color 145.6540, 35.1736, 11.7044.



This preview shows how white text looks on a background with the YUV color 145.6540, 35.1736,

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

145.6540, 35.1736, 11.7044

Protanopia

139.6920, 44.0288, -28.6709

Deuteranopia

139.7540, 36.6033, -26.9713



Tritanopia

143.3470, 3.7729, 3.2037

Trichromacy



Original Color

145.6540, 35.1736, 11.7044

Protanomaly

141.9820, 40.9279, -14.0162

Deuteranomaly

141.7280, 36.1231, -12.9165

Tritanomaly

144.3440, 15.1134, 5.8373

Monochromacy



Original Color

145.6540, 35.1736, 11.7044

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7630, 12.9348, 4.5928

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6540, 35.1736, 11.7044 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(159, 125, 217)` looks like.

```
.text, #text, p{  
    color:rgb(159, 125, 217)  
}
```

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(159, 125, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 125, 217) }
```

Border

The CSS property to change the border of an element to YUV 145.6540, 35.1736, 11.7044 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(159, 125, 217) }
```


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

```
.border{ border-color:rgb(159, 125, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 125, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 125, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 125, 217);  
box-shadow:4px 4px 4px 4px rgb(159, 125,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 145.6540, 35.1736, 11.7044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 125, 217) }
```

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

```
.background{ background-color: rgb(159,  
125, 217) }
```

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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