

Converting Colors

YUV(144.7410, 33.1587, 4.6121)

Have a look what the booklet for
YUV(144.7410, 33.1587, 4.6121)
contains.

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Color

**YUV(144.7410, 33.1587,
4.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	9681D4
RGB	150, 129, 212
RGB Percent	59%, 51%, 83%
CMY	0.4118, 0.4941, 0.1686
CMYK	0.29, 0.39, 0.00, 0.17
HSL	255°, 49%, 67%
HSV	255°, 39%, 83%
XYZ	32.3116, 26.9380, 65.7839
YIQ	144.7410, -14.1270, 30.2650

Conversions

Conversions Part 2

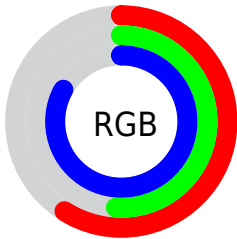
Format	Color
R_{YB}	150, 129, 212
Decimal	9863636
CIE _{Lab}	58.92, 26.04, -39.91
CIE _{LCh}	59, 47.655, 303.127
Yxy	26.9380, 0.2584, 0.2154
Android (android.graphics.Color)	4288053716 (0xFF9681D4)
YUV	144.7410, 33.1587, 4.6121
Hunter-Lab	51.9018, 20.2973, -38.8169

Details

The YUV color **144.7410, 33.1587, 4.6121** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **196.2590, -33.1587, -4.6121**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4980, 28.3485, 7.4563**, and **93.2740, 31.4169, 3.2677** is the 20% darker color. If you saturate the color by 10%, you get **127.6300, 41.5944, 5.5865**, and if you desaturate by 10%, it is **161.8520, 24.7230, 3.6378**.

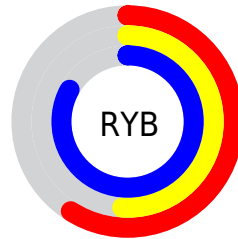
Distribution



Red (59%)

Green (51%)

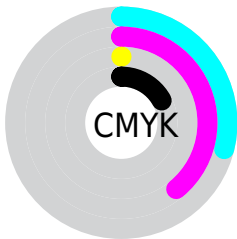
Blue (83%)



Red (59%)

Yellow (51%)

Blue (83%)

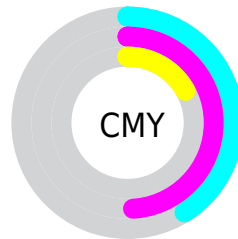


Cyan (29%)

Magenta (39%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (49%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.7410, 33.1587, 4.6121 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 144.7410, 33.1587, 4.6121 by changing the saturation by 10% instead.

■ 144.7410, 33.1587,
4.6121

■ 144.7410, 33.1587,
4.6121

■ 255.0000, 0.0000,
0.0000

■ 118.8010, 32.1431,
3.6825

■ 197.4980, 28.3485,
7.4563

■ 93.2740, 31.4169,
3.2677

■ 222.6050, 15.9707,
10.8704

■ 69.0350, 30.5487,
1.7233

■ 245.0210, 4.9196,
8.7516

■ 45.0840, 29.5386,
-0.9507

■ 21.8230, 28.6813,
-5.9838

■ 6.4980, 24.8975,
-5.6987

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 144.7410, 33.1587,
4.6121

■ 144.7410, 33.1587,
4.6121

■ 127.6300, 41.5944,
5.5865

■ 161.8520, 24.7230,
3.6378

■ 110.5190, 50.0301,
6.5608

■ 178.9630, 16.2872,
2.6634

■ 92.8210, 58.7552,
8.0500

■ 196.6610, 7.5621,
1.1743

■ 76.0090, 67.0436,
9.6391

■ 213.4730, -0.7262,
-0.4148

■ 58.8980, 75.4793,
10.6135

■ 230.5840, -9.1619,
-1.3892

■ 41.7870, 83.9150,
11.5878

■ 247.1080,
-17.3082, -1.8487

■ 40.3140, 84.6412,
12.0026

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



131.6950, 45.9994, -54.1065



144.7410, 33.1587, 4.6121



145.7540, 16.8833, 44.9427

Triad

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



144.7410, 33.1587, 4.6121



139.9050, -35.9422, 48.3183



112.2110, 16.1650, -98.4090

Complementary

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



144.7410, 33.1587, 4.6121



196.2590, -33.1587, -4.6121

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.



123.4880, -10.5936, -55.6790



144.7410, 33.1587, 4.6121



137.3610, -41.0970, 21.6084

Square

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



144.7410, 33.1587, 4.6121



140.9130, -21.1561, 65.8513



132.8450, -31.9686, -13.0191



116.2980, 34.3631, -101.9933

Rectangle

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



144.7410, 33.1587, 4.6121



143.6500, 4.6095, 61.6969



132.8450, -31.9686, -13.0191



109.9140, 9.9024, -96.3946

Sweetspot

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



144.7410, 33.1587, 4.6121



229.9260, 12.3615, 1.8189



174.8560, 18.3120, -40.2157



113.2480, 7.2727, 0.6595



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.



144.7410, 33.1587, 4.6121



157.6500, 47.9936, 6.4460



157.0000, 27.1150, 29.8180



98.1510, 4.3626, 0.7446



32.3510, 68.3540, 9.3392



8.1910, 17.1608, 2.4635

Inverse Universe

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



160.8850, 14.8467, 44.8279



181.1400, 21.6230, 64.7752



184.0000, -27.1150, -29.8180



100.2010, 1.8729, 5.9627



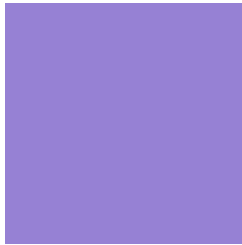
65.7210, 30.7035, 92.3297



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 144.7410, 33.1587, 4.6121 looks on a white background.

Color Contrast Check

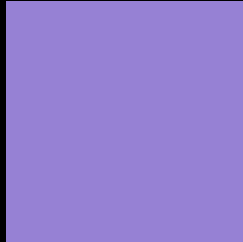
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.7410, 33.1587, 4.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

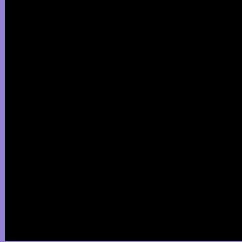
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.7410, 33.1587, 4.6121

Background



This preview shows how black text looks on a background with the YUV color 144.7410, 33.1587, 4.6121.



This preview shows how white text looks on a background with the YUV color 144.7410, 33.1587,

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

144.7410, 33.1587, 4.6121

Protanopia

140.2750, 39.7974, -24.7972

Deuteranopia

140.1950, 34.4139, -24.7270



Tritanopia

142.0580, 5.3944, -3.5589

Trichromacy



Original Color

144.7410, 33.1587, 4.6121

Protanomaly

141.7710, 37.5809, -13.8312

Deuteranomaly

142.1470, 33.9445, -14.1609

Tritanomaly

142.7130, 15.4245, -0.6253

Monochromacy



Original Color

144.7410, 33.1587, 4.6121

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8120, 11.9247, 1.9189

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.7410, 33.1587, 4.6121 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(150, 129, 212)` looks like.

```
.text, #text, p{  
    color:rgb(150, 129, 212)  
}
```

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(150, 129, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 129, 212) }
```

Border

The CSS property to change the border of an element to YUV 144.7410, 33.1587, 4.6121 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(150, 129, 212) }
```


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

```
.border{ border-color:rgb(150, 129, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 129, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 129, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 129, 212);  
box-shadow:4px 4px 4px 4px rgb(150, 129,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 144.7410, 33.1587, 4.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 129, 212) }
```

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

```
.background{ background-color: rgb(150,  
129, 212) }
```

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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