

Converting Colors

YUV(146.5440, 28.3258,
-32.0491)

Have a look what the booklet for
YUV(146.5440, 28.3258, -32.0491)
contains.

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Color

**YUV(146.5440, 28.3258,
-32.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9ACC
RGB	110, 154, 204
RGB Percent	43%, 60%, 80%
CMY	0.5686, 0.3961, 0.2000
CMYK	0.46, 0.25, 0.00, 0.20
HSL	212°, 48%, 62%
HSV	212°, 46%, 80%
XYZ	28.8851, 30.7858, 61.5466
YIQ	146.5440, -42.2740, 6.2220

Conversions

Conversions Part 2

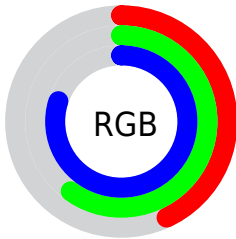
Format	Color
R _Y B	110, 140, 204
Decimal	7248588
CIE Lab	62.33, -1.45, -30.32
CIE LCh	62, 30.355, 267.258
Yxy	30.7858, 0.2383, 0.2540
Android (android.graphics.Color)	4285438668 (0xFF6E9ACC)
YUV	146.5440, 28.3258, -32.0491
Hunter-Lab	55.4850, -4.1729, -26.9278

Details

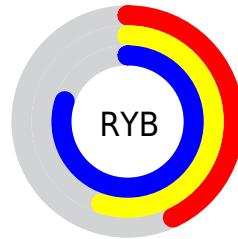
The YUV color **146.5440, 28.3258, -32.0491** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **167.4560, -28.3258, 32.0491**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8000, 26.7206, -30.5196**, and **93.7070, 27.7524, -34.8230** is the 20% darker color. If you saturate the color by 10%, you get **134.1070, 34.4572, -38.6818**, and if you desaturate by 10%, it is **158.9810, 22.1944, -25.4163**.

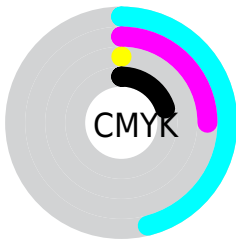
Distribution



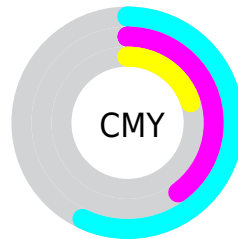
- Red (43%)
- Green (60%)
- Blue (80%)



- Red (43%)
- Yellow (55%)
- Blue (80%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.5440, 28.3258, -32.0491 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 146.5440, 28.3258, -32.0491 by changing the saturation by 10% instead.

■ 146.5440, 28.3258,
-32.0491

■ 146.5440, 28.3258,
-32.0491

■ 255.0000, 0.0000,
0.0000

■ 120.0170, 27.5996,
-32.4639

■ 200.8000, 26.7206,
-30.5196

■ 93.7070, 27.7524,
-34.8230

■ 225.6080, 14.4903,
-27.7202

■ 66.7880, 28.2055,
-40.1561

■ 245.4320, 4.7170,
-19.6729

■ 44.6310, 26.3109,
-39.1414

■ 254.1030, 0.4422,
-1.8443

■ 28.9810, 22.1944,
-25.4163

■ 13.5590, 18.9514,
-11.8912

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 146.5440, 28.3258,
-32.0491

■ 146.5440, 28.3258,
-32.0491

■ 134.1070, 34.4572,
-38.6818

■ 158.9810, 22.1944,
-25.4163

■ 121.3710, 40.7361,
-45.9294

■ 171.7170, 15.9155,
-18.1688

■ 108.9340, 46.8675,
-52.5621

■ 184.1540, 9.7841,
-11.5361

■ 96.7850, 52.8570,
-60.3244

■ 196.3030, 3.7946,
-3.7737

■ 84.3480, 58.9884,
-66.9572

■ 208.7400, -2.3368,
2.8590

■ 79.0210, 61.6146,
-69.3014

■ 221.1770, -8.4683,
9.4918

■ 233.9130,
-14.7471, 16.7393

■ 240.9680,
-18.2252, 12.3061

■ 247.4250,
-21.4085, 6.6433

Harmonies

Analogous

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



137.9660, 28.1178, -58.7292



146.5440, 28.3258, -32.0491



152.8360, 22.2659, -1.6102

Triad

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



146.5440, 28.3258, -32.0491



152.6590, -12.6499, 44.1491



142.3760, -10.5384, -26.6398

Complementary

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



146.5440, 28.3258, -32.0491



167.4560, -28.3258, 32.0491

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.



146.2560, -21.8182, -1.9785



146.5440, 28.3258, -32.0491



151.3840, -22.3743, 36.4972

Square

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



146.5440, 28.3258, -32.0491



153.9650, 0.0173, 41.2497



149.0630, -25.6671, 19.2387



137.5330, 4.6672, -50.4564

Rectangle

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



146.5440, 28.3258, -32.0491



154.0510, 16.2439, 16.6183



149.0630, -25.6671, 19.2387



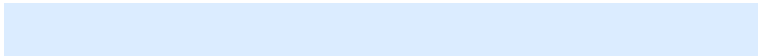
144.1660, -15.3648, -18.5626

Sweetspot

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



146.5440, 28.3258, -32.0491



233.0830, 10.8051, -12.3508



170.7640, -5.7997, -53.2900



114.3780, 6.7156, -7.3475



0.0000, 0.0000, 0.0000



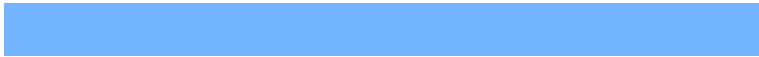
128.0000, 0.0000, 0.0000

Same Dimension

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



146.5440, 28.3258, -32.0491



169.1150, 42.3413, -47.4589



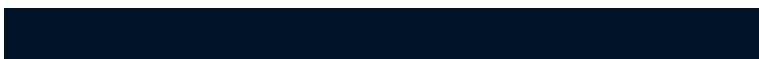
121.3140, 40.7642, -8.1684



96.0750, 2.9210, -3.5738



64.7100, 49.9360, -56.7507



14.8980, 11.3893, -13.0655

Inverse Universe

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



143.1220, 5.3629, 53.3900



164.2700, 7.7549, 79.5702



192.6860, -40.7642, 8.1684



95.5600, 0.7099, 5.6479



58.5260, 9.6007, 94.2547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 146.5440, 28.3258, -32.0491 looks on a white background.

Color Contrast Check

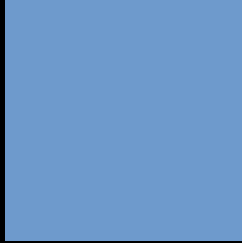
Large Text (above 18pt) WCAG AA × Fail

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 146.5440, 28.3258, -32.0491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

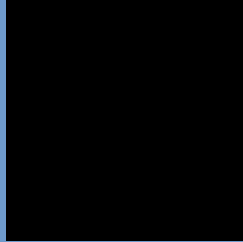
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

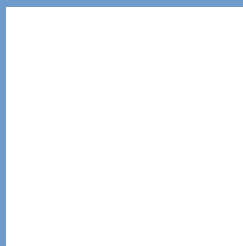
Any Text WCAG AAA ✓ Pass

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

YUV 146.5440, 28.3258, -32.0491 Background



This preview shows how black text looks on a background with the YUV color 146.5440, 28.3258, -32.0491.

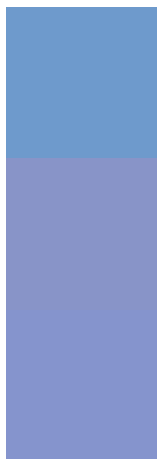


This preview shows how white text looks on a background with the YUV color 146.5440, 28.3258, -32.0491.

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

146.5440, 28.3258, -32.0491

Protanopia

150.3400, 24.4824, -12.5762

Deuteranopia

150.0130, 27.1086, -14.9204



Tritanopia

143.8410, 14.3754, -37.5716

Trichromacy



Original Color

146.5440, 28.3258, -32.0491

Protanomaly

148.9370, 25.6671, -19.2387

Deuteranomaly

148.7950, 27.7091, -20.8682

Tritanomaly

144.8180, 19.3167, -35.7974

Monochromacy



Original Color

146.5440, 28.3258, -32.0491

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.5440, 28.3258, -32.0491 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(110, 154, 204)` looks like.

```
.text, #text, p{  
    color:rgb(110, 154, 204)  
}
```

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(110, 154, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 154, 204) }
```

Border

The CSS property to change the border of an element to YUV 146.5440, 28.3258, -32.0491 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(110, 154, 204) }
```


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

```
.border{ border-color:rgb(110, 154, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 154, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 154, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 154, 204);  
box-shadow:4px 4px 4px 4px rgb(110, 154,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 146.5440, 28.3258, -32.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 154, 204) }
```

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

```
.background{ background-color: rgb(110,  
154, 204) }
```

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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