

Converting Colors

YUV(147.3410, 36.3139,
-27.4861)

Have a look what the booklet for
YUV(147.3410, 36.3139, -27.4861)
contains.

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Color

**YUV(147.3410, 36.3139,
-27.4861)**

Conversions

Conversions Part 1

Format	Color
Hex	7495DD
RGB	116, 149, 221
RGB Percent	45%, 58%, 87%
CMY	0.5451, 0.4157, 0.1333
CMYK	0.48, 0.33, 0.00, 0.13
HSL	221°, 61%, 66%
HSV	221°, 48%, 87%
XYZ	31.0011, 30.4284, 72.6459
YIQ	147.3410, -42.7800, 15.3960

Conversions

Conversions Part 2

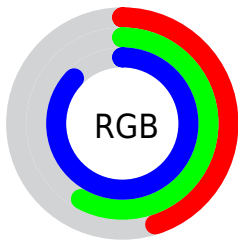
Format	Color
RYB	116, 141, 221
Decimal	7640541
CIELab	62.02, 7.88, -40.24
CIELCh	62, 41.005, 281.073
Yxy	30.4284, 0.2312, 0.2269
Android (android.graphics.Color)	4285830621 (0xFF7495DD)
YUV	147.3410, 36.3139, -27.4861
Hunter-Lab	55.1619, 3.7839, -39.4691

Details

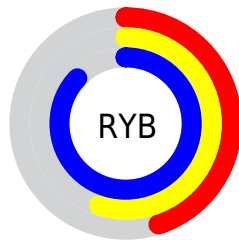
The YUV color $147.3410, 36.3139, -27.4861$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $189.6590, -36.3139, 27.4861$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.6590, 27.2831, -24.2569$, and $94.6780, 35.1617, -31.2896$ is the 20% darker color. If you saturate the color by 10%, you get $131.9580, 43.8977, -33.2892$, and if you desaturate by 10%, it is $162.7240, 28.7301, -21.6829$.

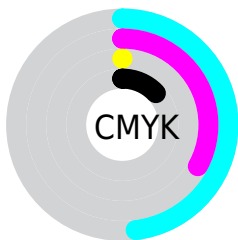
Distribution



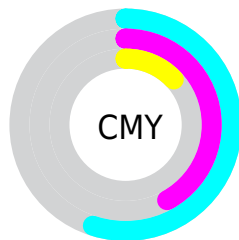
- Red (45%)
- Green (58%)
- Blue (87%)



- Red (45%)
- Yellow (55%)
- Blue (87%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3410, 36.3139, -27.4861 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 147.3410, 36.3139, -27.4861 by changing the saturation by 10% instead.

■ 147.3410, 36.3139,
-27.4861

■ 147.3410, 36.3139,
-27.4861

255.0000, 0.0000,
0.0000

■ 120.5150, 35.7351,
-28.5157

■ 199.6590, 27.2831,
-24.2569

■ 94.6780, 35.1617,
-31.2896

■ 224.7660, 14.9054,
-20.8428

■ 67.0470, 35.4728,
-37.7522

■ 247.8240, 3.5378,
-14.7546

■ 43.9930, 34.0205,
-38.5819

■ 28.8160, 29.1777,
-25.2716

■ 11.9920, 25.6399,
-10.5170

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 147.3410, 36.3139,
-27.4861

■ 147.3410, 36.3139,
-27.4861

■ 131.9580, 43.8977,
-33.2892

■ 162.7240, 28.7301,
-21.6829

■ 116.5750, 51.4815,
-39.0923

■ 178.1070, 21.1462,
-15.8798

■ 101.1920, 59.0653,
-44.8954

■ 193.4900, 13.5624,
-10.0767

■ 85.2220, 66.9386,
-50.1837

■ 209.4600, 5.6892,
-4.7884

■ 69.8390, 74.5224,
-55.9868

■ 225.1420, -2.0420,
1.6295

■ 65.6970, 76.5644,
-57.6163

■ 240.5250, -9.6258,
7.4326

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



125.9480, 45.3816, -89.4084



147.3410, 36.3139, -27.4861



153.7440, 25.2692, 15.1335

Triad

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



147.3410, 36.3139, -27.4861



150.0920, -22.7234, 55.1703



132.9100, -3.8996, -56.0491

Complementary

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



147.3410, 36.3139, -27.4861



189.6590, -36.3139, 27.4861

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.



141.5760, -23.9480, -18.9222



147.3410, 36.3139, -27.4861



148.8220, -33.4362, 37.8671

Square

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



147.3410, 36.3139, -27.4861



151.6530, -6.7309, 59.0633



145.5430, -33.7917, 11.8018



117.7850, 22.2910, -103.2974

Rectangle

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



147.3410, 36.3139, -27.4861



154.3570, 15.6000, 36.5209



145.5430, -33.7917, 11.8018



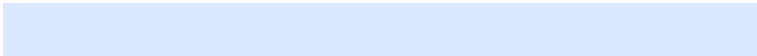
136.6360, -11.6525, -42.6538

Sweetspot

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



147.3410, 36.3139, -27.4861



230.1480, 12.2520, -9.7768



185.8430, 1.0634, -61.2523



112.6170, 7.5838, -5.8031



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.



147.3410, 36.3139, -27.4861



152.9450, 50.3131, -37.6628



133.6510, 43.0631, 1.1831



102.0150, 3.9366, -2.6442



51.4200, 59.9389, -45.0953



13.4620, 16.0412, -11.8062

Inverse Universe

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



151.1570, -1.0634, 61.2523



158.4850, -1.7181, 84.6437



203.3490, -43.0631, -1.1831



102.6310, -0.3111, 6.4626



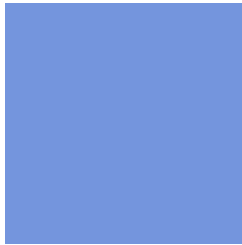
57.8830, -1.9143, 100.9576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 147.3410, 36.3139, -27.4861 looks on a white background.

Color Contrast Check

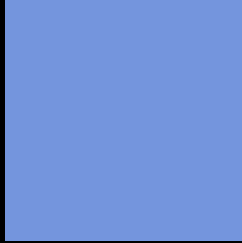
Large Text (above 18pt) WCAG AA × Fail

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 147.3410, 36.3139, -27.4861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

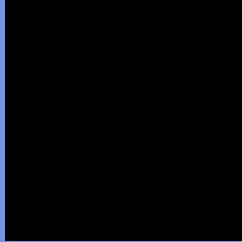
Any Text WCAG AA ✓ Pass

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 147.3410, 36.3139, -27.4861 Background



This preview shows how black text looks on a background with the YUV color 147.3410, 36.3139, -27.4861.

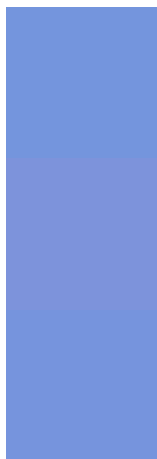


This preview shows how white text looks on a background with the YUV color 147.3410, 36.3139, -27.4861.

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

147.3410, 36.3139, -27.4861

Protanopia

148.6300, 34.6924, -20.7235

Deuteranopia

147.3520, 36.3085, -25.7417



Tritanopia

143.1400, 14.2280, -36.9568

Trichromacy



Original Color

147.3410, 36.3139, -27.4861

Protanomaly

148.4340, 35.2820, -23.1826

Deuteranomaly

147.0530, 36.4559, -26.3565

Tritanomaly

144.3390, 22.5109, -33.6233

Monochromacy



Original Color

147.3410, 36.3139, -27.4861

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.3760, 13.1256, -9.9768

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3410, 36.3139, -27.4861 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(116, 149, 221)` looks like.

```
.text, #text, p{  
    color:rgb(116, 149, 221)  
}
```

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(116, 149, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 149, 221) }
```

Border

The CSS property to change the border of an element to YUV 147.3410, 36.3139, -27.4861 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(116, 149, 221) }
```


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

```
.border{ border-color:rgb(116, 149, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 149, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 149, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 149, 221);  
box-shadow:4px 4px 4px 4px rgb(116, 149,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 147.3410, 36.3139, -27.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 149, 221) }
```

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

```
.background{ background-color: rgb(116,  
149, 221) }
```

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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