

Converting Colors

YUV(147.3450, 36.8049,
-45.0296)

Have a look what the booklet for
YUV(147.3450, 36.8049, -45.0296)
contains.

YUV(147.3450, 36.8049, -45.0296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.3450, 36.8049,
-45.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	609FDE
RGB	96, 159, 222
RGB Percent	38%, 62%, 87%
CMY	0.6235, 0.3765, 0.1294
CMYK	0.57, 0.28, 0.00, 0.13
HSL	210°, 66%, 62%
HSV	210°, 57%, 87%
XYZ	30.4068, 32.5570, 73.7888
YIQ	147.3450, -57.7710, 6.2370

Conversions

Conversions Part 2

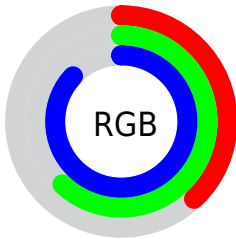
Format	Color
R _Y B	96, 138, 222
Decimal	6332382
CIE Lab	63.80, -2.00, -38.09
CIE LCh	64, 38.139, 266.989
Yxy	32.5570, 0.2223, 0.2381
Android (android.graphics.Color)	4284522462 (0xFF609FDE)
YUV	147.3450, 36.8049, -45.0296
Hunter-Lab	57.0587, -4.7294, -36.7331

Details

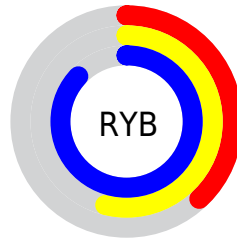
The YUV color $147.3450, 36.8049, -45.0296$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $170.6550, -36.8049, 45.0296$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.1470, 27.0425, -40.4709$, and $90.2080, 37.8585, -56.3104$ is the 20% darker color. If you saturate the color by 10%, you get $134.3100, 43.2312, -52.8919$, and if you desaturate by 10%, it is $160.3800, 30.3787, -37.1673$.

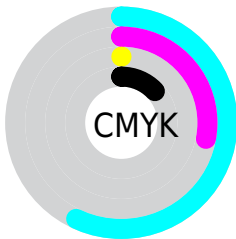
Distribution



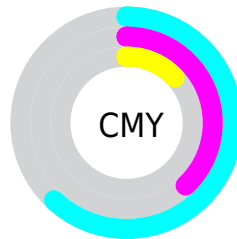
- Red (38%)
- Green (62%)
- Blue (87%)



- Red (38%)
- Yellow (54%)
- Blue (87%)



- Cyan (57%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3450, 36.8049, -45.0296 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 147.3450, 36.8049, -45.0296 by changing the saturation by 10% instead.

■ 147.3450, 36.8049,
-45.0296

■ 147.3450, 36.8049,
-45.0296

■ 255.0000, 0.0000,
0.0000

■ 119.6220, 36.6684,
-47.9035

■ 200.1470, 27.0425,
-40.4709

■ 90.2080, 37.8585,
-56.3104

■ 226.1400, 14.2280,
-36.9568

■ 65.2680, 36.8429,
-57.2400

■ 242.4420, 6.1911,
-25.8206

■ 48.8030, 32.1421,
-42.8002

■ 251.4120, 1.7689,
-7.3773

■ 33.6260, 27.2994,
-29.4900

■ 18.5630, 22.8934,
-16.2798

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 147.3450, 36.8049,
-45.0296

■ 147.3450, 36.8049,
-45.0296

■ 134.3100, 43.2312,
-52.8919

■ 160.3800, 30.3787,
-37.1673

■ 121.2750, 49.6574,
-60.7542

■ 173.4150, 23.9524,
-29.3050

■ 107.9410, 56.2311,
-69.2313

■ 186.7490, 17.3787,
-20.8279

■ 94.9060, 62.6573,
-77.0936

■ 199.7840, 10.9525,
-12.9656

■ 90.4650, 64.8468,
-79.3378

■ 213.4060, 4.2368,
-5.6181

■ 226.4410, -2.1894,
2.2442

■ 239.4760, -8.6157,
10.1065

■ 247.1290,
-12.3886, 6.9029

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



123.2680, 43.2519, -106.3520



147.3450, 36.8049, -45.0296



156.5460, 28.8178, -3.1098

Triad

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



147.3450, 36.8049, -45.0296



156.0410, -15.3032, 55.2150



143.5230, -13.5688, -34.6617

Complementary

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



147.3450, 36.8049, -45.0296



170.6550, -36.8049, 45.0296

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.



149.0510, -27.6331, -3.5527



147.3450, 36.8049, -45.0296



154.4730, -27.3482, 45.1892

Square

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



147.3450, 36.8049, -45.0296



157.8460, 0.5689, 51.0011



151.9620, -32.5193, 23.7123



133.9110, 7.9319, -70.9589

Rectangle

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



147.3450, 36.8049, -45.0296



158.9250, 20.7430, 20.2368



151.9620, -32.5193, 23.7123



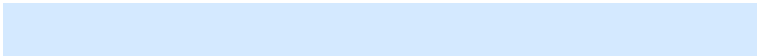
145.8080, -19.1323, -23.5106

Sweetspot

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



147.3450, 36.8049, -45.0296



229.2290, 12.7051, -15.1098



177.1440, -8.9450, -71.1633



112.5950, 7.5947, -9.2918



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.



147.3450, 36.8049, -45.0296



152.2040, 50.6784, -61.5689



110.3640, 55.0365, -12.5972



105.7760, 3.0684, -4.1886



71.7200, 51.4100, -62.8984



19.5600, 14.0209, -17.1541

Inverse Universe

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



140.8560, 8.9450, 71.1633



143.5310, 12.0632, 97.7583



207.6360, -55.0365, 12.5972



104.9730, 0.9993, 6.1627



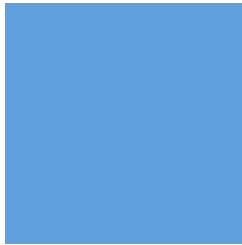
62.6560, 12.4946, 99.4027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 147.3450, 36.8049, -45.0296 looks on a white background.

Color Contrast Check

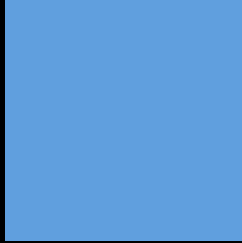
Large Text (above 18pt) WCAG AA × Fail

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 147.3450, 36.8049, -45.0296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

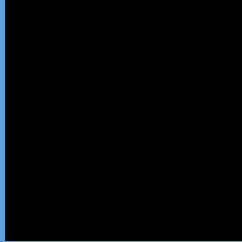
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.3450, 36.8049, -45.0296

Background



This preview shows how black text looks on a background with the YUV color 147.3450, 36.8049, -45.0296.



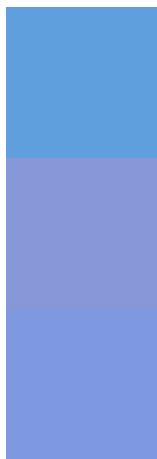
This preview shows how white text looks on a background with the YUV color 147.3450, 36.8049, -45.0296.

-45.0296.

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

147.3450, 36.8049, -45.0296

Protanopia

153.9140, 30.6084, -17.4646

Deuteranopia

152.9070, 34.5558, -23.5974



Tritanopia

142.1700, 18.6502, -55.4001

Trichromacy



Original Color

147.3450, 36.8049, -45.0296

Protanomaly

151.7170, 32.6775, -27.8158

Deuteranomaly

150.7920, 35.5985, -31.3896

Tritanomaly

143.9130, 25.1859, -51.6667

Monochromacy



Original Color

147.3450, 36.8049, -45.0296

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7450, 13.4367, -16.4394

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3450, 36.8049, -45.0296 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(96, 159, 222)` looks like.

```
.text, #text, p{  
    color:rgb(96, 159, 222)  
}
```

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(96, 159, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 159, 222) }
```

Border

The CSS property to change the border of an element to YUV 147.3450, 36.8049, -45.0296 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(96, 159, 222) }
```


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

```
.border{ border-color:rgb(96, 159, 222) }
```

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

Here you see how a box with a 4 pixel rgb(96, 159, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 159, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 159, 222);  
box-shadow:4px 4px 4px 4px rgb(96, 159,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 147.3450, 36.8049, -45.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 159, 222) }
```

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

```
.background{ background-color: rgb(96, 159,  
222) }
```

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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