

Converting Colors

YUV(145.4090, 46.6334,
-24.0377)

Have a look what the booklet for
YUV(145.4090, 46.6334, -24.0377)
contains.

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Color

**YUV(145.4090, 46.6334,
-24.0377)**

Conversions

Conversions Part 1

Format	Color
Hex	768DF0
RGB	118, 141, 240
RGB Percent	46%, 55%, 94%
CMY	0.5373, 0.4471, 0.0588
CMYK	0.51, 0.41, 0.00, 0.06
HSL	229°, 80%, 70%
HSV	229°, 51%, 94%
XYZ	32.7243, 29.1926, 86.3481
YIQ	145.4090, -45.4870, 25.9130

Conversions

Conversions Part 2

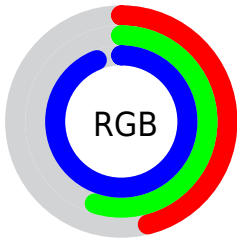
Format	Color
R _Y B	118, 137, 240
Decimal	7769584
CIE Lab	60.95, 18.75, -52.45
CIE LCh	61, 55.701, 289.675
Yxy	29.1926, 0.2207, 0.1969
Android (android.graphics.Color)	4285959664 (0xFF768DF0)
YUV	145.4090, 46.6334, -24.0377
Hunter-Lab	54.0302, 13.5587, -56.9329

Details

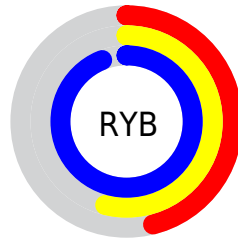
The YUV color $145.4090, 46.6334, -24.0377$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $212.5910, -46.6334, 24.0377$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $195.5720, 29.2980, -17.1646$, and $91.3220, 45.1973, -30.1004$ is the 20% darker color. If you saturate the color by 10%, you get $127.0800, 55.6696, -29.0112$, and if you desaturate by 10%, it is $163.7380, 37.5972, -19.0642$.

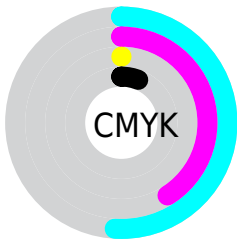
Distribution



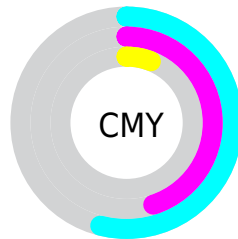
- Red (46%)
- Green (55%)
- Blue (94%)



- Red (46%)
- Yellow (54%)
- Blue (94%)



- Cyan (51%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4090, 46.6334, -24.0377 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 145.4090, 46.6334, -24.0377 by changing the saturation by 10% instead.

■ 145.4090, 46.6334,
-24.0377

■ 145.4090, 46.6334,
-24.0377

■ 255.0000, 0.0000,
0.0000

■ 118.4580, 45.6232,
-26.7117

■ 195.5720, 29.2980,
-17.1646

■ 91.3220, 45.1973,
-30.1004

■ 220.9780, 16.7728,
-13.1357

■ 60.9890, 46.8404,
-43.8404

■ 246.6720, 4.1057,
-10.2363

■ 42.2950, 42.7456,
-37.0927

■ 27.7050, 37.6134,
-24.2973

■ 9.0060, 34.5070,
-7.8983

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 145.4090, 46.6334,
-24.0377

■ 145.4090, 46.6334,
-24.0377

■ 127.0800, 55.6696,
-29.0112

■ 163.7380, 37.5972,
-19.0642

■ 108.1640, 64.9951,
-33.4698

■ 182.6540, 28.2716,
-14.6056

■ 89.8350, 74.0313,
-38.4433

■ 200.9830, 19.2354,
-9.6321

■ 70.9190, 83.3569,
-42.9020

■ 219.8990, 9.9098,
-5.1734

■ 53.7750, 91.8089,
-47.1607

■ 238.2280, 0.8736,
-0.2000

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



119.9750, 61.1443, -105.2181



145.4090, 46.6334, -24.0377



151.3040, 29.4301, 33.9364

Triad

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



145.4090, 46.6334, -24.0377



144.2540, -35.1282, 67.3062



114.3820, 6.7137, -100.3130

Complementary

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



145.4090, 46.6334, -24.0377



212.5910, -46.6334, 24.0377

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.



130.7920, -25.0405, -41.9136



145.4090, 46.6334, -24.0377



142.8210, -48.7188, 39.6220

Square

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



145.4090, 46.6334, -24.0377



145.2490, -13.9268, 80.4656



138.1000, -45.4053, 3.4203



120.7830, 28.7010, -105.9267

Rectangle

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



145.4090, 46.6334, -24.0377



149.6250, 15.9609, 60.8419



138.1000, -45.4053, 3.4203



111.8570, -0.4225, -98.0986

Sweetspot

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



145.4090, 46.6334, -24.0377



225.4410, 14.5726, -7.4028



200.7860, 7.5005, -72.6033



109.9700, 8.8888, -4.3587



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.



145.4090, 46.6334, -24.0377



134.3940, 59.4588, -31.0405



142.9710, 47.8353, 10.5494



110.5420, 4.6628, -2.2293



41.5210, 70.2421, -36.4139



12.8410, 21.2774, -11.2616

Inverse Universe

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



157.1000, -7.9373, 72.7033



149.0640, -9.8916, 92.9059



215.0290, -47.8353, -10.5494



111.8160, -0.8953, 7.1774



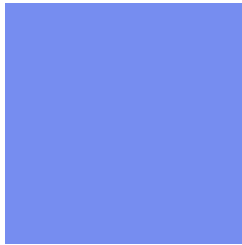
59.0060, -11.8350, 109.6197



17.9980, -3.4500, 33.3278

Previews

White Background



This preview shows how the YUV color 145.4090, 46.6334, -24.0377 looks on a white background.

Color Contrast Check

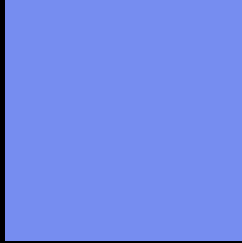
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4090, 46.6334, -24.0377 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 145.4090, 46.6334, -24.0377

Background



This preview shows how black text looks on a background with the YUV color 145.4090, 46.6334, -24.0377.



This preview shows how white text looks on a background with the YUV color 145.4090, 46.6334, -24.0377.

-24.0377.

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

145.4090, 46.6334, -24.0377

Protanopia

143.2230, 48.6971, -32.6446

Deuteranopia

140.4450, 48.5876, -44.2403



Tritanopia

139.2430, 14.6702, -38.8011

Trichromacy



Original Color

145.4090, 46.6334, -24.0377

Protanomaly

143.7180, 47.9600, -29.5707

Deuteranomaly

142.2610, 47.6923, -37.0629

Tritanomaly

141.6640, 26.2946, -33.9083

Monochromacy



Original Color

145.4090, 46.6334, -24.0377

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.4130, 17.0514, -9.1322

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4090, 46.6334, -24.0377 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(118, 141, 240)` looks like.

```
.text, #text, p{  
    color:rgb(118, 141, 240)  
}
```

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(118, 141, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 141, 240) }
```

Border

The CSS property to change the border of an element to YUV 145.4090, 46.6334, -24.0377 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(118, 141, 240) }
```


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

```
.border{ border-color:rgb(118, 141, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 141, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 141, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 141, 240);  
box-shadow:4px 4px 4px 4px rgb(118, 141,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 145.4090, 46.6334, -24.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 141, 240) }
```

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

```
.background{ background-color: rgb(118,  
141, 240) }
```

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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