

Converting Colors

YUV(145.2750, 39.7974,
-24.7972)

Have a look what the booklet for
YUV(145.2750, 39.7974, -24.7972)
contains.

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Color

**YUV(145.2750, 39.7974,
-24.7972)**

Conversions

Conversions Part 1

Format	Color
Hex	7590E2
RGB	117, 144, 226
RGB Percent	46%, 56%, 89%
CMY	0.5412, 0.4353, 0.1137
CMYK	0.48, 0.36, 0.00, 0.11
HSL	225°, 65%, 67%
HSV	225°, 48%, 89%
XYZ	31.0368, 29.2194, 75.9556
YIQ	145.2750, -42.4140, 19.7780

Conversions

Conversions Part 2

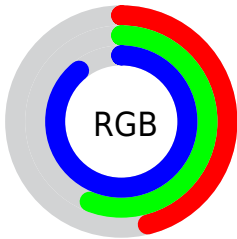
Format	Color
RYB	117, 139, 226
Decimal	7704802
CIELab	60.97, 12.52, -44.66
CIElCh	61, 46.384, 285.662
Yxy	29.2194, 0.2279, 0.2145
Android (android.graphics.Color)	4285894882 (0xFF7590E2)
YUV	145.2750, 39.7974, -24.7972
Hunter-Lab	54.0550, 7.8934, -45.4731

Details

The YUV color **145.2750, 39.7974, -24.7972** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **197.7250, -39.7974, 24.7972**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3220, 28.4353, -20.4534**, and **92.1990, 38.3559, -29.1155** is the 20% darker color. If you saturate the color by 10%, you get **128.4190, 48.1074, -30.1855**, and if you desaturate by 10%, it is **162.1310, 31.4874, -19.4089**.

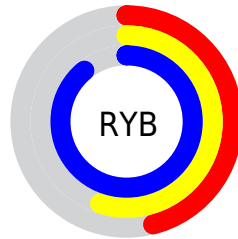
Distribution



Red (46%)

Green (56%)

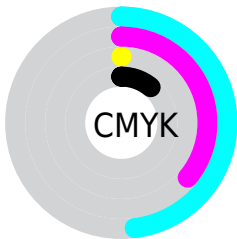
Blue (89%)



Red (46%)

Yellow (55%)

Blue (89%)

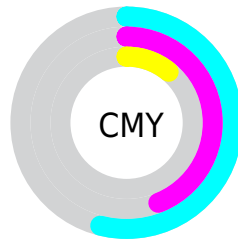


Cyan (48%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.2750, 39.7974, -24.7972 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 145.2750, 39.7974, -24.7972 by changing the saturation by 10% instead.

■ 145.2750, 39.7974,
-24.7972

■ 145.2750, 39.7974,
-24.7972

255.0000, 0.0000,
0.0000

■ 119.0360, 38.9293,
-26.3416

■ 197.3220, 28.4353,
-20.4534

■ 92.1990, 38.3559,
-29.1155

■ 221.8420, 16.3469,
-16.5244

■ 64.5570, 38.6724,
-37.3225

■ 247.5360, 3.6798,
-13.6251

■ 42.1010, 36.9252,
-36.9226

■ 27.5110, 31.7931,
-24.1271

■ 8.3390, 29.4129,
-7.3133

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 145.2750, 39.7974,
-24.7972

■ 145.2750, 39.7974,
-24.7972

■ 128.4190, 48.1074,
-30.1855

■ 162.1310, 31.4874,
-19.4089

■ 111.8620, 56.2700,
-34.9590

■ 178.6880, 23.3248,
-14.6354

■ 95.0060, 64.5800,
-40.3473

■ 195.5440, 15.0148,
-9.2471

■ 78.4490, 72.7426,
-45.1208

■ 212.1010, 6.8522,
-4.4736

■ 61.5930, 81.0527,
-50.5091

■ 228.9570, -1.4578,
0.9147

■ 58.6360, 82.5105,
-51.4238

■ 245.8130, -9.7678,
6.3030

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



117.9230, 53.2820, -103.4185



145.2750, 39.7974, -24.7972



151.7280, 26.2631, 23.0405

Triad

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



145.2750, 39.7974, -24.7972



146.4470, -27.8284, 59.2440



120.6510, 2.1441, -81.2549

Complementary

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



145.2750, 39.7974, -24.7972



197.7250, -39.7974, 24.7972

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.



135.6350, -23.4841, -27.7439



145.2750, 39.7974, -24.7972



144.7420, -38.8198, 37.9373

Square

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



145.2750, 39.7974, -24.7972



147.7850, -10.2470, 66.8406



141.4840, -37.7066, 7.4685



117.7680, 24.7644, -103.2825

Rectangle

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



145.2750, 39.7974, -24.7972



151.0100, 15.2781, 46.4722



141.4840, -37.7066, 7.4685



128.4600, -8.1148, -57.4084

Sweetspot

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



145.2750, 39.7974, -24.7972



228.3870, 13.1202, -8.2324



190.3310, 4.2738, -64.3113



111.4430, 8.1626, -4.7735



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.



145.2750, 39.7974, -24.7972



145.5910, 53.9386, -33.8443



137.4990, 43.6310, 5.7014



104.0150, 3.9366, -2.6442



45.8920, 64.1432, -40.2473



12.5160, 17.4936, -10.9765

Inverse Universe

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



152.6690, -4.2738, 64.3113



155.4700, -5.6547, 87.2878



205.5010, -43.6310, -5.7014



104.6310, -0.3111, 6.4626



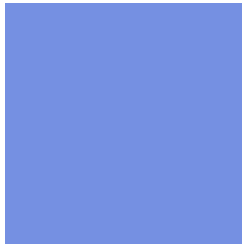
57.6400, -6.7245, 103.8017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 145.2750, 39.7974, -24.7972 looks on a white background.

Color Contrast Check

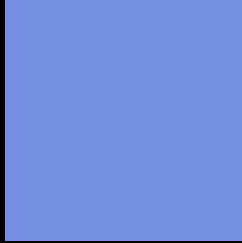
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2750, 39.7974, -24.7972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

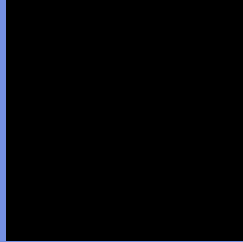
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.2750, 39.7974, -24.7972

Background



This preview shows how black text looks on a background with the YUV color 145.2750, 39.7974, -24.7972.



This preview shows how white text looks on a background with the YUV color 145.2750, 39.7974, -24.7972.

-24.7972.

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

145.2750, 39.7974, -24.7972

Protanopia

145.2750, 39.7974, -24.7972

Deuteranopia

143.3450, 40.2559, -31.8746



Tritanopia

140.6240, 13.4964, -35.6272

Trichromacy



Original Color

145.2750, 39.7974, -24.7972

Protanomaly

145.2750, 39.7974, -24.7972

Deuteranomaly

143.9540, 39.9557, -28.9007

Tritanomaly

142.4640, 22.9422, -31.9789

Monochromacy



Original Color

145.2750, 39.7974, -24.7972

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.3160, 14.1412, -9.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2750, 39.7974, -24.7972 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(117, 144, 226)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 226)  
}
```

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(117, 144, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 226) }
```

Border

The CSS property to change the border of an element to YUV 145.2750, 39.7974, -24.7972 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(117, 144, 226) }
```


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

```
.border{ border-color:rgb(117, 144, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 144, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 144, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 144, 226); box-shadow:4px 4px 4px 4px rgb(117, 144, 226) }
```

Background

The CSS property to change the background color of an element to YUV 145.2750, 39.7974, -24.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 226) }
```

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

```
.background{ background-color: rgb(117,  
144, 226) }
```

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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