

Converting Colors

YUV(144.9640, 24.6677,
-25.4014)

Have a look what the booklet for
YUV(144.9640, 24.6677, -25.4014)
contains.

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Color

**YUV(144.9640, 24.6677,
-25.4014)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 7496C3 |
| RGB | 116, 150, 195 |
| RGB Percent | 45%, 59%, 76% |
| CMY | 0.5451, 0.4118, 0.2353 |
| CMYK | 0.41, 0.23, 0.00, 0.24 |
| HSL | 214°, 40%, 61% |
| HSV | 214°, 41%, 76% |
| XYZ | 27.9591, 29.4658, 55.8436 |
| YIQ | 144.9640, -34.7090, 6.7870 |

Conversions

Conversions Part 2

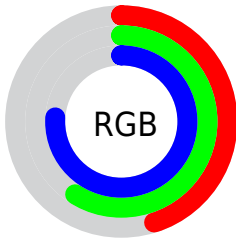
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 116, 140, 195 |
| Decimal | 7640771 |
| CIE Lab | 61.19, -0.19, -27.00 |
| CIE LCh | 61, 27.005, 269.603 |
| Yxy | 29.4658, 0.2468, 0.2601 |
| Android (android.graphics.Color) | 4285830851 (0xFF7496C3) |
| YUV | 144.9640, 24.6677, -25.4014 |
| Hunter-Lab | 54.2824, -3.0547, -22.9975 |

Details

The YUV color **144.9640, 24.6677, -25.4014** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **166.0360, -24.6677, 25.4014**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6050, 25.8307, -25.0866**, and **93.0240, 23.6522, -26.3310** is the 20% darker color. If you saturate the color by 10%, you get **132.8260, 30.6518, -31.4194**, and if you desaturate by 10%, it is **157.1020, 18.6837, -19.3835**.

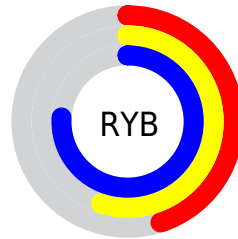
Distribution



Red (45%)

Green (59%)

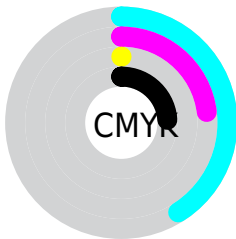
Blue (76%)



Red (45%)

Yellow (55%)

Blue (76%)

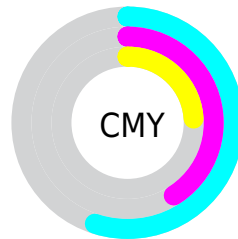


Cyan (41%)

Magenta (23%)

Yellow (0%)

Black (24%)



Cyan (55%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.9640, 24.6677, -25.4014 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 144.9640, 24.6677, -25.4014 by changing the saturation by 10% instead.

■ 144.9640, 24.6677,
-25.4014

■ 144.9640, 24.6677,
-25.4014

■ 255.0000, 0.0000,
0.0000

■ 118.5510, 24.3784,
-25.9162

■ 199.6050, 25.8307,
-25.0866

■ 93.0240, 23.6522,
-26.3310

■ 224.7550, 14.9108,
-22.5871

■ 68.1870, 23.0788,
-29.1050

■ 246.6280, 4.1274,
-17.2138

■ 41.4850, 24.4109,
-36.3823

■ 26.4220, 20.0050,
-23.1721

■ 9.8260, 17.3408,
-8.6174

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 144.9640, 24.6677,
-25.4014

■ 144.9640, 24.6677,
-25.4014

■ 132.8260, 30.6518,
-31.4194

■ 157.1020, 18.6837,
-19.3835

■ 120.3890, 36.7832,
-38.0522

■ 169.5390, 12.5523,
-12.7507

■ 108.2510, 42.7673,
-44.0701

■ 181.9760, 6.4208,
-6.1180

■ 95.8140, 48.8987,
-50.7029

■ 194.1140, 0.4368,
-0.1000

■ 82.7900, 55.3195,
-56.8208

■ 207.1380, -5.9840,
6.0180

■ 71.5380, 60.8668,
-62.7388

■ 219.2760,
-11.9681, 12.0359

■ 231.7130,
-18.0995, 18.6687

■ 238.7680,
-21.5776, 14.2355

■ 245.2250,
-24.7609, 8.5727

Harmonies

Analogous

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



138.7070, 24.3014, -47.9780



144.9640, 24.6677, -25.4014



150.0490, 19.2028, 0.8340

Triad

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



144.9640, 24.6677, -25.4014



150.0390, -12.3442, 39.4308



140.2560, -8.5072, -24.7805

Complementary

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



144.9640, 24.6677, -25.4014



166.0360, -24.6677, 25.4014

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.



143.7550, -18.6132, -3.2931



144.9640, 24.6677, -25.4014



148.2200, -20.3215, 31.3791

Square

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



144.9640, 24.6677, -25.4014



151.0030, -0.9875, 36.8314



146.4370, -22.8934, 16.2798



136.6800, 5.0878, -45.3234

Rectangle

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



144.9640, 24.6677, -25.4014



151.0680, 13.7705, 16.6034



146.4370, -22.8934, 16.2798



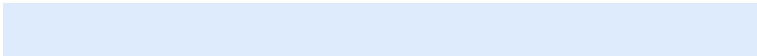
141.5620, -12.6021, -18.0329

Sweetspot

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



144.9640, 24.6677, -25.4014



233.0510, 9.3419, -9.6917



167.5030, -3.2060, -45.1681



116.1610, 5.8366, -5.4032



0.0000, 0.0000, 0.0000



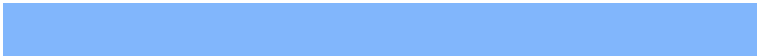
128.0000, 0.0000, 0.0000

Same Dimension

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



144.9640, 24.6677, -25.4014



174.1330, 38.3884, -39.5816



126.5010, 33.7700, -4.8244



90.4880, 3.2104, -3.0590



58.8570, 50.3565, -51.6176



11.9800, 10.3629, -10.5065

Inverse Universe

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



143.4970, 3.2060, 45.1681



171.8190, 5.0192, 70.3187



184.4990, -33.7700, 4.8244



90.4460, 0.2731, 5.7479



56.0050, 6.4065, 92.0806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 144.9640, 24.6677, -25.4014 looks on a white background.

Color Contrast Check

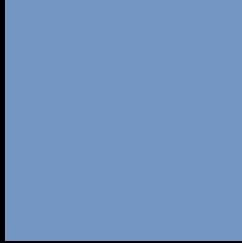
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.9640, 24.6677, -25.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

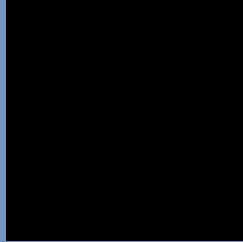
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

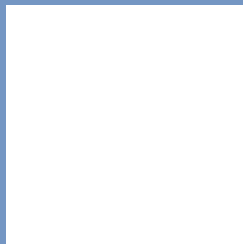
Any Text WCAG AAA × Fail

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

YUV 144.9640, 24.6677, -25.4014 Background



This preview shows how black text looks on a background with the YUV color 144.9640, 24.6677, -25.4014.



This preview shows how white text looks on a background with the YUV color 144.9640, 24.6677, -25.4014.

-25.4014.

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

144.9640, 24.6677, -25.4014

Protanopia

147.9550, 21.7142, -11.3615

Deuteranopia

147.8240, 23.7508, -11.2466



Tritanopia

142.6140, 12.0223, -29.4795

Trichromacy



Original Color

144.9640, 24.6677, -25.4014

Protanomaly

146.5630, 22.8934, -16.2798

Deuteranomaly

146.9050, 24.2038, -16.5797

Tritanomaly

143.4770, 16.5268, -27.6053

Monochromacy



Original Color

144.9640, 24.6677, -25.4014

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9370, 8.9051, -9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.9640, 24.6677, -25.4014 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, 150, 195)` looks like.

```
.text, #text, p{  
    color:rgb(116, 150, 195)  
}
```

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, 150, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 150, 195) }
```

Border

The CSS property to change the border of an element to YUV 144.9640, 24.6677, -25.4014 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, 150, 195) }
```


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

```
.border{ border-color:rgb(116, 150, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 150, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 150, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 150, 195);  
box-shadow:4px 4px 4px 4px rgb(116, 150,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 144.9640, 24.6677, -25.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 150, 195) }
```

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

```
.background{ background-color: rgb(116,  
150, 195) }
```

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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