

Converting Colors

YUV(130.9620, 51.2907,
-24.5227)

Have a look what the booklet for
YUV(130.9620, 51.2907, -24.5227)
contains.

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Color

**YUV(130.9620, 51.2907,
-24.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	677DEB
RGB	103, 125, 235
RGB Percent	40%, 49%, 92%
CMY	0.5961, 0.5098, 0.0784
CMYK	0.56, 0.47, 0.00, 0.08
HSL	230°, 77%, 66%
HSV	230°, 56%, 92%
XYZ	27.9225, 23.5490, 81.6710
YIQ	130.9620, -48.4220, 29.5460

Conversions

Conversions Part 2

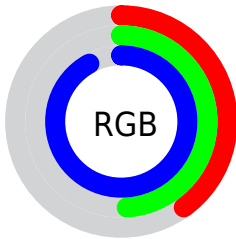
Format	Color
R _{YB}	103, 122, 235
Decimal	6782443
CIE _{Lab}	55.63, 23.62, -58.21
CIE _{LCh}	56, 62.823, 292.086
Y _{xy}	23.5490, 0.2097, 0.1769
Android (android.graphics.Color)	4284972523 (0xFF677DEB)
YUV	130.9620, 51.2907, -24.5227
Hunter-Lab	48.5273, 17.7860, -65.8155

Details

The YUV color **130.9620, 51.2907, -24.5227** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **207.0380, -51.2907, 24.5227**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4070, 36.2813, -17.0199**, and **75.3580, 50.6025, -37.1480** is the 20% darker color. If you saturate the color by 10%, you get **112.0460, 60.6163, -28.9813**, and if you desaturate by 10%, it is **149.8780, 41.9651, -20.0640**.

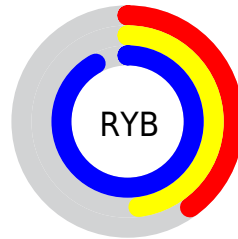
Distribution



Red (40%)

Green (49%)

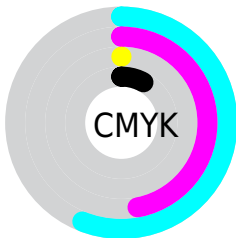
Blue (92%)



Red (40%)

Yellow (48%)

Blue (92%)

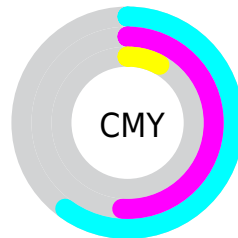


Cyan (56%)

Magenta (47%)

Yellow (0%)

Black (8%)



Cyan (60%)

Magenta (51%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9620, 51.2907, -24.5227 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 130.9620, 51.2907, -24.5227 by changing the saturation by 10% instead.

■ 130.9620, 51.2907,
-24.5227

■ 130.9620, 51.2907,
-24.5227

■ 255.0000, 0.0000,
0.0000

■ 103.7120, 50.4280,
-27.8114

■ 181.4070, 36.2813,
-17.0199

■ 75.3580, 50.6025,
-37.1480

■ 206.8130, 23.7562,
-12.9910

■ 48.9120, 50.3294,
-42.8958

■ 232.2190, 11.2310,
-8.9621

■ 34.2080, 44.7605,
-30.0004

■ 254.1030, 0.4422,
-1.8443

■ 20.0910, 38.9021,
-17.6198

■ 11.3710, 30.8761,
-9.9724

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 130.9620, 51.2907,
-24.5227

■ 130.9620, 51.2907,
-24.5227

■ 112.0460, 60.6163,
-28.9813

■ 149.8780, 41.9651,
-20.0640

■ 94.0160, 69.5051,
-33.3400

■ 167.9080, 33.0764,
-15.7053

■ 75.3990, 78.6833,
-37.1839

■ 186.8240, 23.7508,
-11.2466

■ 57.0700, 87.7195,
-42.1574

■ 204.8540, 14.8620,
-6.8880

■ 49.6830, 91.3613,
-43.5720

■ 223.7700, 5.5364,
-2.4293

■ 242.3870, -3.6418,
1.4146

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



112.1160, 64.0328, -98.3257



130.9620, 51.2907, -24.5227



136.9290, 31.5870, 42.1583

Triad

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



130.9620, 51.2907, -24.5227



128.6090, -40.2332, 71.3799



106.0840, 5.3816, -93.0357

Complementary

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



130.9620, 51.2907, -24.5227



207.0380, -51.2907, 24.5227

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.



109.9210, -24.1181, -57.8127



130.9620, 51.2907, -24.5227



125.3900, -61.8173, 40.8770

Square

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



130.9620, 51.2907, -24.5227



127.2610, -15.4117, 90.1021



120.2170, -56.3090, 0.6867



112.4680, 29.8423, -98.6344

Rectangle

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



130.9620, 51.2907, -24.5227



132.4460, 17.5281, 71.5229



120.2170, -56.3090, 0.6867



102.7440, -2.3388, -90.1065

Sweetspot

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



130.9620, 51.2907, -24.5227



221.0110, 16.7566, -7.9026



193.0240, 9.8482, -78.9510



107.3120, 10.1992, -4.6586



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.



130.9620, 51.2907, -24.5227



120.5170, 66.3001, -32.0254



131.2040, 51.1714, 13.8531



108.4280, 4.2260, -2.1294



38.2440, 70.3787, -33.5400



11.4390, 20.9826, -10.0320

Inverse Universe

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



144.9760, -9.8482, 78.9510



138.4350, -12.5395, 102.2275



206.7960, -51.1714, -13.8531



109.5170, -0.7479, 6.5626



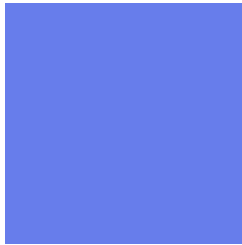
57.5390, -13.5767, 108.2753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 130.9620, 51.2907, -24.5227 looks on a white background.

Color Contrast Check

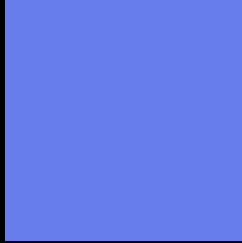
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9620, 51.2907, -24.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

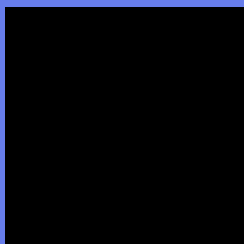
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.9620, 51.2907, -24.5227

Background



This preview shows how black text looks on a background with the YUV color 130.9620, 51.2907, -24.5227.



This preview shows how white text looks on a background with the YUV color 130.9620, 51.2907, -24.5227.

-24.5227.

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

130.9620, 51.2907, -24.5227

Protanopia

126.8890, 55.2707, -41.1217

Deuteranopia

120.1590, 55.6306, -63.2834



Tritanopia

123.1390, 15.7075, -44.8489

Trichromacy



Original Color

130.9620, 51.2907, -24.5227

Protanomaly

128.5800, 53.9441, -35.5887

Deuteranomaly

123.9050, 54.2768, -49.0287

Tritanomaly

125.6250, 28.7789, -37.3821

Monochromacy



Original Color

130.9620, 51.2907, -24.5227

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1680, 18.6512, -8.9173

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9620, 51.2907, -24.5227 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(103, 125, 235)` looks like.

```
.text, #text, p{  
    color:rgb(103, 125, 235)  
}
```

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(103, 125, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 125, 235) }
```

Border

The CSS property to change the border of an element to YUV 130.9620, 51.2907, -24.5227 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(103, 125, 235) }
```


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

```
.border{ border-color:rgb(103, 125, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 125, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 125, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 125, 235);  
box-shadow:4px 4px 4px 4px rgb(103, 125,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 130.9620, 51.2907, -24.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 125, 235) }
```

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

```
.background{ background-color: rgb(103,  
125, 235) }
```

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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