

Converting Colors

YUV(124.2740, 64.4479,
-91.4483)

Have a look what the booklet for
YUV(124.2740, 64.4479, -91.4483)
contains.

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Color

**YUV(124.2740, 64.4479,
-91.4483)**

Conversions

Conversions Part 1

Format	Color
Hex	1498FF
RGB	20, 152, 255
RGB Percent	8%, 60%, 100%
CMY	0.9216, 0.4039, 0.0000
CMYK	0.92, 0.40, 0.00, 0.00
HSL	206°, 100%, 54%
HSV	206°, 92%, 100%
XYZ	29.5667, 29.8252, 98.8062
YIQ	124.2740, -111.7350, 4.0490

Conversions

Conversions Part 2

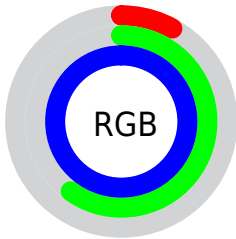
Format	Color
R _Y B	20, 105, 255
Decimal	1349887
CIE Lab	61.50, 4.72, -60.00
CIE LCh	62, 60.189, 274.498
Yxy	29.8252, 0.1869, 0.1885
Android (android.graphics.Color)	4279539967 (0xFF1498FF)
YUV	124.2740, 64.4479, -91.4483
Hunter-Lab	54.6124, 1.0666, -69.0403

Details

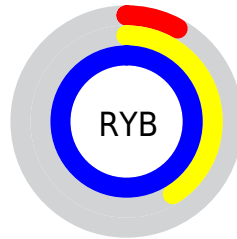
The YUV color **124.2740, 64.4479, -91.4483** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **150.7260, -64.4479, 91.4483**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6760, 34.6697, -60.2289**, and **82.4460, 56.9681, -72.3051** is the 20% darker color. If you saturate the color by 10%, you get **113.0110, 70.0006, -99.1106**, and if you desaturate by 10%, it is **138.5050, 57.4320, -81.1269**.

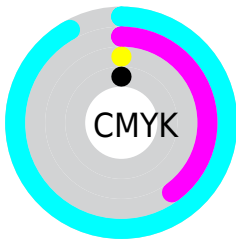
Distribution



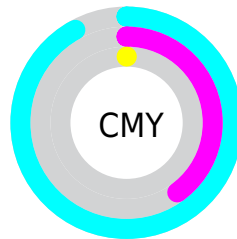
- Red (8%)
- Green (60%)
- Blue (100%)



- Red (8%)
- Yellow (41%)
- Blue (100%)



- Cyan (92%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2740, 64.4479, -91.4483 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 124.2740, 64.4479, -91.4483 by changing the saturation by 10% instead.

■ 124.2740, 64.4479,
-91.4483

■ 124.2740, 64.4479,
-91.4483

255.0000, 0.0000,
0.0000

■ 99.7260, 62.2531,
-87.4597

■ 184.6760, 34.6697,
-60.2289

■ 82.4460, 56.9681,
-72.3051

■ 210.9790, 21.7024,
-54.3556

■ 65.7530, 51.3938,
-57.6654

■ 233.1730, 10.7607,
-44.8787

■ 49.7610, 45.9668,
-43.6404

■ 242.4420, 6.1911,
-25.8206

■ 35.0570, 40.3979,
-30.7450

■ 252.0100, 1.4741,
-6.1478

■ 19.1790, 35.4078,
-16.8200

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 124.2740, 64.4479,
-91.4483

■ 124.2740, 64.4479,
-91.4483

■ 113.0110, 70.0006,
-99.1106

■ 138.5050, 57.4320,
-81.1269

■ 152.4370, 50.5636,
-71.4202

■ 167.2550, 43.2583,
-61.6136

■ 181.1870, 36.3898,
-51.9070

■ 195.1190, 29.5213,
-42.2004

■ 209.3500, 22.5055,
-31.8789

■ 223.5810, 15.4896,
-21.5575

■ 237.5130, 8.6211,
-11.8509

■ 252.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



125.2580, 58.5398, -109.8513



124.2740, 64.4479, -91.4483



151.7550, 42.0258, 7.2309

Triad

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



124.2740, 64.4479, -91.4483



145.2310, -26.7359, 82.2354



111.7770, -5.8061, -98.0284

Complementary

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



124.2740, 64.4479, -91.4483



150.7260, -64.4479, 91.4483

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.



135.5100, -40.6774, -19.7413



124.2740, 64.4479, -91.4483



144.6970, -47.1786, 59.0247

Square

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



124.2740, 64.4479, -91.4483



146.1970, -1.5761, 85.7732



141.1860, -55.8007, 24.3929



119.8080, 17.3497, -105.0716

Rectangle

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



124.2740, 64.4479, -91.4483



152.5550, 28.8134, 45.1173



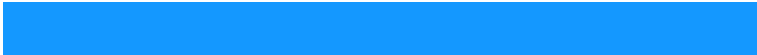
141.1860, -55.8007, 24.3929



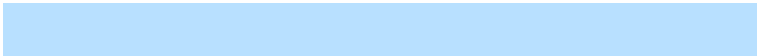
126.9040, -21.6447, -57.7978

Sweetspot

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



124.2740, 64.4479, -91.4483



215.5740, 19.4370, -27.6904



169.5730, -23.4535, -131.1755



103.1040, 12.2737, -16.7542



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.



124.2740, 64.4479, -91.4483



113.0110, 70.0006, -99.1106



56.1820, 98.0173, -31.7316



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Inverse Universe

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



105.3130, 23.0167, 131.2755



92.5470, 24.8733, 142.4713



218.8180, -98.0173, 31.7316



119.6850, 1.1413, 7.2923



69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 124.2740, 64.4479, -91.4483 looks on a white background.

Color Contrast Check

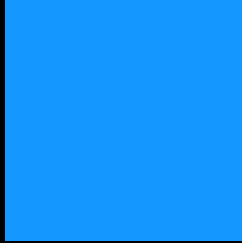
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.2740, 64.4479, -91.4483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

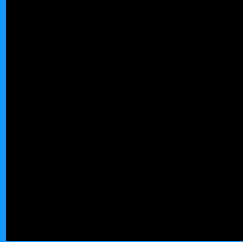
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

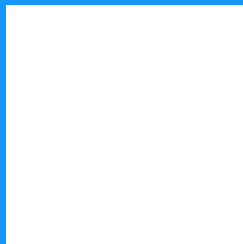
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 124.2740, 64.4479, -91.4483

Background



This preview shows how black text looks on a background with the YUV color 124.2740, 64.4479, -91.4483.



This preview shows how white text looks on a background with the YUV color 124.2740, 64.4479, -91.4483.

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

124.2740, 64.4479, -91.4483

Protanopia

143.7820, 50.8865, -34.8888

Deuteranopia

135.0710, 59.1250, -64.0833



Tritanopia

116.2180, 28.9795, -101.9232

Trichromacy



Original Color

124.2740, 64.4479, -91.4483

Protanomaly

136.6160, 55.8983, -55.7912

Deuteranomaly

131.1730, 61.0467, -73.8197

Tritanomaly

119.2690, 41.7724, -98.4599

Monochromacy



Original Color

124.2740, 64.4479, -91.4483

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9800, 23.6739, -33.3085

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2740, 64.4479, -91.4483 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(20, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(20, 152, 255)  
}
```

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(20, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 152, 255) }
```

Border

The CSS property to change the border of an element to YUV 124.2740, 64.4479, -91.4483 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(20, 152, 255) }
```


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

```
.border{ border-color:rgb(20, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(20, 152,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 124.2740, 64.4479, -91.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 152, 255) }
```

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

```
.background{ background-color: rgb(20, 152,  
255) }
```

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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