

Converting Colors

YUV(148.2820, 52.6120,
-28.3113)

Have a look what the booklet for
YUV(148.2820, 52.6120, -28.3113)
contains.

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Color

**YUV(148.2820, 52.6120,
-28.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	7490FF
RGB	116, 144, 255
RGB Percent	45%, 56%, 100%
CMY	0.5451, 0.4353, 0.0000
CMYK	0.55, 0.44, 0.00, 0.00
HSL	228°, 100%, 73%
HSV	228°, 55%, 100%
XYZ	35.2257, 30.8795, 98.7115
YIQ	148.2820, -52.3190, 28.5850

Conversions

Conversions Part 2

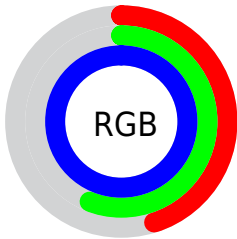
Format	Color
RYB	116, 139, 255
Decimal	7639295
CIELab	62.41, 21.20, -58.39
CIElCh	62, 62.113, 289.952
Yxy	30.8795, 0.2137, 0.1874
Android (android.graphics.Color)	4285829375 (0xFF7490FF)
YUV	148.2820, 52.6120, -28.3113
Hunter-Lab	55.5693, 15.9058, -66.4222

Details

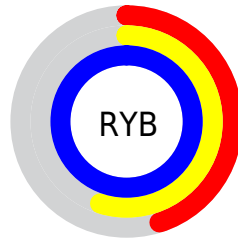
The YUV color **148.2820, 52.6120, -28.3113** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **222.7180, -52.6120, 28.3113**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3330, 28.4298, -18.7090**, and **92.7000, 51.9129, -37.4479** is the 20% darker color. If you saturate the color by 10%, you get **128.7680, 62.2324, -33.9995**, and if you desaturate by 10%, it is **167.7960, 42.9916, -22.6231**.

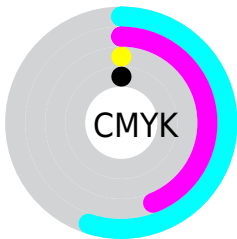
Distribution



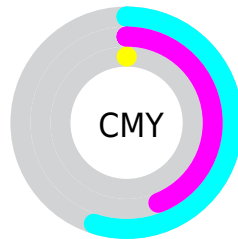
- Red (45%)
- Green (56%)
- Blue (100%)



- Red (45%)
- Yellow (55%)
- Blue (100%)



- Cyan (55%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2820, 52.6120, -28.3113 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 148.2820, 52.6120, -28.3113 by changing the saturation by 10% instead.

■ 148.2820, 52.6120,
-28.3113

■ 148.2820, 52.6120,
-28.3113

255.0000, 0.0000,
0.0000

■ 121.0320, 51.7492,
-31.6001

■ 197.3330, 28.4298,
-18.7090

■ 92.7000, 51.9129,
-37.4479

■ 222.7390, 15.9047,
-14.6801

■ 61.0570, 53.7089,
-53.5470

■ 248.7320, 3.0901,
-11.1660

■ 45.0650, 48.2820,
-39.5220

■ 30.9480, 42.4236,
-27.1414

■ 13.3090, 38.3017,
-11.6720

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 148.2820, 52.6120,
-28.3113

■ 148.2820, 52.6120,
-28.3113

■ 128.7680, 62.2324,
-33.9995

■ 167.7960, 42.9916,
-22.6231

■ 108.9660, 71.9948,
-38.5582

■ 187.5980, 33.2292,
-18.0644

■ 89.4520, 81.6152,
-44.2464

■ 207.1120, 23.6088,
-12.3762

■ 70.2370, 91.0882,
-49.3198

■ 226.3270, 14.1358,
-7.3028

■ 59.0070, 96.6245,
-51.7491

■ 246.1290, 4.3734,
-2.7441

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



124.7510, 64.2128, -109.4066



148.2820, 52.6120, -28.3113



155.3630, 33.3450, 38.2696

Triad

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



148.2820, 52.6120, -28.3113



146.8590, -39.3705, 74.6687



118.1320, 5.8509, -103.6018

Complementary

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



148.2820, 52.6120, -28.3113



222.7180, -52.6120, 28.3113

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.



130.8790, -27.0553, -49.0059



148.2820, 52.6120, -28.3113



145.0790, -56.7339, 43.7807

Square

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



148.2820, 52.6120, -28.3113



147.3750, -14.9749, 90.0021



140.2650, -52.3886, 3.2756



125.2170, 30.4590, -109.8153

Rectangle

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



148.2820, 52.6120, -28.3113



152.3640, 18.5545, 68.9638



140.2650, -52.3886, 3.2756



115.3790, -2.1588, -101.1874

Sweetspot

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



148.2820, 52.6120, -28.3113



223.3700, 15.5936, -8.2175



210.0190, 7.3856, -82.4547



108.7850, 9.4730, -5.0734



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.



148.2820, 52.6120, -28.3113



127.8820, 62.6692, -34.0995



143.5070, 54.9660, 10.0794



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910

Inverse Universe

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



160.7530, -8.2592, 82.6546



142.5100, -9.6184, 98.6537



227.4930, -54.9660, -10.0794



119.1150, -1.0427, 7.7921



61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 148.2820, 52.6120, -28.3113 looks on a white background.

Color Contrast Check

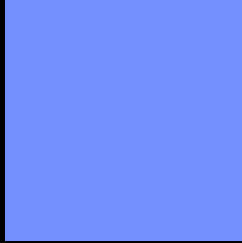
Large Text (above 18pt) WCAG AA × Fail

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 148.2820, 52.6120, -28.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

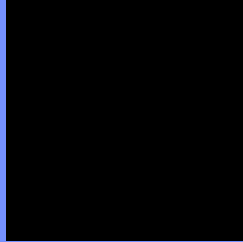
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.2820, 52.6120, -28.3113

Background



This preview shows how black text looks on a background with the YUV color 148.2820, 52.6120, -28.3113.



This preview shows how white text looks on a background with the YUV color 148.2820, 52.6120, -28.3113.

-28.3113.

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

148.2820, 52.6120, -28.3113

Protanopia

146.4550, 53.5127, -37.2330

Deuteranopia

141.3880, 55.0247, -55.5913



Tritanopia

141.0570, 16.7339, -47.4080

Trichromacy



Original Color

148.2820, 52.6120, -28.3113

Protanomaly

147.0640, 53.2124, -34.2591

Deuteranomaly

143.9270, 54.2660, -45.5400

Tritanomaly

143.5430, 29.8053, -39.9412

Monochromacy



Original Color

148.2820, 52.6120, -28.3113

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2710, 19.0934, -10.7617

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2820, 52.6120, -28.3113 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, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 144, 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(116, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 144, 255) }
```

Border

The CSS property to change the border of an element to YUV 148.2820, 52.6120, -28.3113 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, 144, 255) }
```


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

```
.border{ border-color:rgb(116, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 144,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 148.2820, 52.6120, -28.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 144, 255) }
```

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

```
.background{ background-color: rgb(116,  
144, 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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