

Converting Colors

YUV(152.0340, 45.3392,
-28.9708)

Have a look what the booklet for
YUV(152.0340, 45.3392, -28.9708)
contains.

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Color

**YUV(152.0340, 45.3392,
-28.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	7797F4
RGB	119, 151, 244
RGB Percent	47%, 59%, 96%
CMY	0.5333, 0.4078, 0.0431
CMYK	0.51, 0.38, 0.00, 0.04
HSL	225°, 85%, 71%
HSV	225°, 51%, 96%
XYZ	35.0035, 32.5868, 90.0330
YIQ	152.0340, -48.9250, 22.1390

Conversions

Conversions Part 2

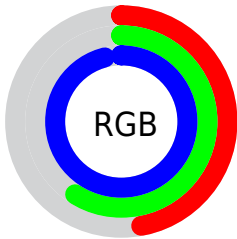
Format	Color
RYB	119, 144, 244
Decimal	7837684
CIELab	63.82, 14.32, -50.09
CIElCh	64, 52.098, 285.955
Yxy	32.5868, 0.2221, 0.2067
Android (android.graphics.Color)	4286027764 (0xFF7797F4)
YUV	152.0340, 45.3392, -28.9708
Hunter-Lab	57.0849, 9.5548, -53.5515

Details

The YUV color **152.0340, 45.3392, -28.9708** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **210.9660, -45.3392, 28.9708**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3280, 25.9673, -22.2127**, and **97.9470, 43.9031, -35.0335** is the 20% darker color. If you saturate the color by 10%, you get **134.2920, 54.0860, -34.4591**, and if you desaturate by 10%, it is **169.7760, 36.5924, -23.4826**.

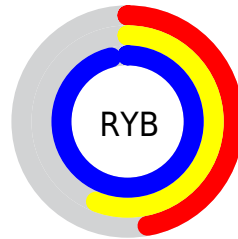
Distribution



Red (47%)

Green (59%)

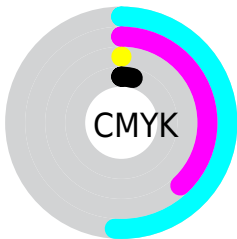
Blue (96%)



Red (47%)

Yellow (56%)

Blue (96%)

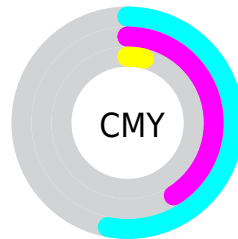


Cyan (51%)

Magenta (38%)

Yellow (0%)

Black (4%)



Cyan (53%)

Magenta (41%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.0340, 45.3392, -28.9708 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 152.0340, 45.3392, -28.9708 by changing the saturation by 10% instead.

■ 152.0340, 45.3392,
-28.9708

■ 152.0340, 45.3392,
-28.9708

255.0000, 0.0000,
0.0000

■ 124.4960, 44.6185,
-31.1300

■ 202.3280, 25.9673,
-22.2127

■ 97.9470, 43.9031,
-35.0335

■ 227.7340, 13.4421,
-18.1837

■ 67.0270, 45.8357,
-48.2587

■ 249.6180, 2.6533,
-11.0660

■ 47.4470, 42.1776,
-41.6110

■ 32.1560, 36.8981,
-28.2008

■ 17.0930, 32.4922,
-14.9906

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 152.0340, 45.3392,
-28.9708

■ 152.0340, 45.3392,
-28.9708

■ 134.2920, 54.0860,
-34.4591

■ 169.7760, 36.5924,
-23.4826

■ 116.2510, 62.9803,
-40.5621

■ 187.8170, 27.6982,
-17.3795

■ 98.5090, 71.7271,
-46.0504

■ 205.5590, 18.9514,
-11.8912

■ 79.8810, 80.9107,
-51.6386

■ 224.1870, 9.7678,
-6.3030

■ 64.2100, 88.6365,
-56.3122

■ 241.9290, 1.0210,
-0.8147

■ 253.7460, -4.8048,
1.0998

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



152.0340, 45.3392, -28.9708



159.0750, 30.0360, 26.2442

Triad

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



152.0340, 45.3392, -28.9708



153.2800, -31.1970, 66.4064



118.2460, 6.2877, -103.7017

Complementary

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



152.0340, 45.3392, -28.9708



210.9660, -45.3392, 28.9708

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.



141.3910, -26.8148, -32.7919



152.0340, 45.3392, -28.9708



151.0970, -43.9248, 42.0109

Square

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



152.0340, 45.3392, -28.9708



154.6120, -11.1477, 75.7623



147.7030, -43.2376, 8.1535



124.8920, 26.6752, -109.5303

Rectangle

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



152.0340, 45.3392, -28.9708



158.5100, 17.0036, 53.0497



147.7030, -43.2376, 8.1535



131.3830, -8.0768, -69.6189

Sweetspot

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



152.0340, 45.3392, -28.9708



227.2020, 13.7044, -8.9472



202.8630, 4.0115, -73.5479



110.5570, 8.5994, -4.8735



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.



152.0340, 45.3392, -28.9708



140.2640, 56.5648, -36.1885



141.9210, 50.3249, 5.3313



113.1290, 4.3734, -2.7441



49.3800, 67.3537, -43.3063



15.5310, 21.4302, -13.6207

Inverse Universe

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



160.0230, -4.4483, 73.6478



150.2040, -5.5236, 91.9061



221.0790, -50.3249, -5.3313



113.9300, -0.4585, 7.0774



61.0860, -6.4514, 109.5496



19.3510, -2.1450, 34.7722

Previews

White Background



This preview shows how the YUV color 152.0340, 45.3392, -28.9708 looks on a white background.

Color Contrast Check

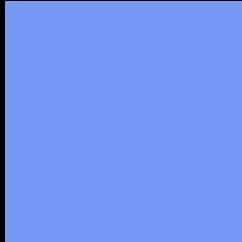
Large Text (above 18pt) WCAG AA × Fail

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 152.0340, 45.3392, -28.9708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

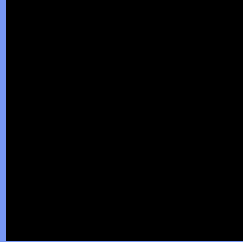
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.0340, 45.3392, -28.9708

Background



This preview shows how black text looks on a background with the YUV color 152.0340, 45.3392, -28.9708.



This preview shows how white text looks on a background with the YUV color 152.0340, 45.3392, -28.9708.

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

152.0340, 45.3392, -28.9708

Protanopia

152.0340, 45.3392, -28.9708

Deuteranopia

149.4950, 46.0980, -39.0221



Tritanopia

146.1500, 15.7021, -43.1045

Trichromacy



Original Color

152.0340, 45.3392, -28.9708

Protanomaly

152.0340, 45.3392, -28.9708

Deuteranomaly

150.4030, 45.6503, -35.4334

Tritanomaly

148.3430, 26.4529, -38.0118

Monochromacy



Original Color

152.0340, 45.3392, -28.9708

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1740, 16.1832, -10.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.0340, 45.3392, -28.9708 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(119, 151, 244)` looks like.

```
.text, #text, p{  
    color:rgb(119, 151, 244)  
}
```

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(119, 151, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 151, 244) }
```

Border

The CSS property to change the border of an element to YUV 152.0340, 45.3392, -28.9708 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(119, 151, 244) }
```


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

```
.border{ border-color:rgb(119, 151, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 151, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 151, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 151, 244);  
box-shadow:4px 4px 4px 4px rgb(119, 151,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 152.0340, 45.3392, -28.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 151, 244) }
```

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

```
.background{ background-color: rgb(119,  
151, 244) }
```

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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