

Converting Colors

YUV(152.6410, 31.2360,
-32.1342)

Have a look what the booklet for
YUV(152.6410, 31.2360, -32.1342)
contains.

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Color

**YUV(152.6410, 31.2360,
-32.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	749FD8
RGB	116, 159, 216
RGB Percent	45%, 62%, 85%
CMY	0.5451, 0.3765, 0.1529
CMYK	0.46, 0.26, 0.00, 0.15
HSL	214°, 56%, 65%
HSV	214°, 46%, 85%
XYZ	31.9953, 33.4671, 69.7392
YIQ	152.6410, -43.9250, 8.6110

Conversions

Conversions Part 2

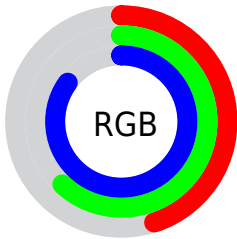
Format	Color
RYB	116, 146, 216
Decimal	7643096
CIELab	64.54, 0.67, -33.54
CIELCh	65, 33.549, 271.152
Yxy	33.4671, 0.2366, 0.2475
Android (android.graphics.Color)	4285833176 (0xFF749FD8)
YUV	152.6410, 31.2360, -32.1342
Hunter-Lab	57.8508, -2.5167, -30.9786

Details

The YUV color $152.6410, 31.2360, -32.1342$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $179.3590, -31.2360, 32.1342$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.5290, 24.3892, -29.4049$, and $99.6900, 30.2258, -34.8081$ is the 20% darker color. If you saturate the color by 10%, you get $139.0190, 37.9516, -39.4817$, and if you desaturate by 10%, it is $166.2630, 24.5203, -24.7867$.

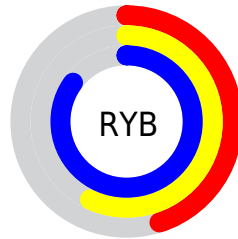
Distribution



Red (45%)

Green (62%)

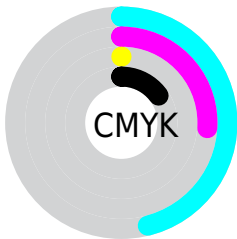
Blue (85%)



Red (45%)

Yellow (57%)

Blue (85%)

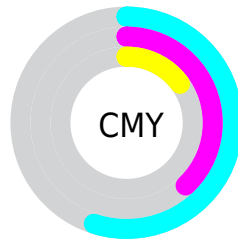


Cyan (46%)

Magenta (26%)

Yellow (0%)

Black (15%)



Cyan (55%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6410, 31.2360, -32.1342 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 152.6410, 31.2360, -32.1342 by changing the saturation by 10% instead.

■ 152.6410, 31.2360,
-32.1342

■ 152.6410, 31.2360,
-32.1342

255.0000, 0.0000,
0.0000

■ 125.8150, 30.6572,
-33.1638

■ 205.5290, 24.3892,
-29.4049

■ 99.6900, 30.2258,
-34.8081

■ 231.2230, 11.7221,
-26.5056

■ 72.7710, 30.6789,
-40.1412

■ 247.5250, 3.6852,
-15.3694

■ 48.2330, 29.9581,
-42.3003

■ 33.0560, 25.1154,
-28.9901

■ 18.1070, 21.1462,
-15.8798

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 152.6410, 31.2360,
-32.1342

■ 152.6410, 31.2360,
-32.1342

■ 139.0190, 37.9516,
-39.4817

■ 166.2630, 24.5203,
-24.7867

■ 125.1090, 44.8093,
-45.6996

■ 180.1730, 17.6627,
-18.5687

■ 111.4870, 51.5249,
-53.0471

■ 193.7950, 10.9471,
-11.2212

■ 98.1640, 58.0931,
-59.7798

■ 207.1180, 4.3788,
-4.4885

■ 83.9550, 65.0982,
-66.6125

■ 221.3270, -2.6262,
2.3442

■ 79.2150, 67.4350,
-69.4716

■ 234.9490, -9.3419,
9.6917

■ 244.6840,
-14.1412, 9.0471

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



141.7740, 32.6494, -65.5768



152.6410, 31.2360, -32.1342



159.0260, 24.1442, 2.6082

Triad

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



152.6410, 31.2360, -32.1342



158.2960, -15.4289, 48.8524



146.5600, -9.6431, -33.8171

Complementary

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



152.6410, 31.2360, -32.1342



179.3590, -31.2360, 32.1342

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.



151.1800, -23.2597, -6.2969



152.6410, 31.2360, -32.1342



156.8850, -25.5793, 37.8119

Square

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



152.6410, 31.2360, -32.1342



159.5420, -1.7462, 46.8827



154.2540, -28.7192, 18.1942



140.3790, 8.1942, -61.7224

Rectangle

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



152.6410, 31.2360, -32.1342



160.4970, 16.5170, 22.3661



154.2540, -28.7192, 18.1942



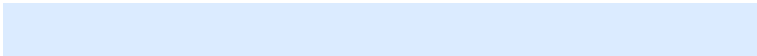
148.2470, -14.9118, -23.8956

Sweetspot

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



152.6410, 31.2360, -32.1342



232.4960, 11.0945, -11.8360



181.1980, -4.0416, -57.1786



113.7910, 7.0050, -6.8327



0.0000, 0.0000, 0.0000



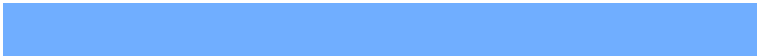
128.0000, 0.0000, 0.0000

Same Dimension

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



152.6410, 31.2360, -32.1342



164.6960, 44.5199, -46.2144



129.4930, 42.6480, -5.6944



100.1890, 3.3578, -3.6738



62.3450, 53.5669, -54.6766



16.0550, 13.2839, -14.0802

Inverse Universe

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



150.8020, 4.0416, 57.1786



161.8250, 6.0023, 81.7145



202.5070, -42.6480, 5.6944



99.8590, 0.5625, 6.2627



59.4510, 6.6797, 97.8285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 152.6410, 31.2360, -32.1342 looks on a white background.

Color Contrast Check

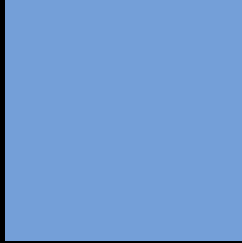
Large Text (above 18pt) WCAG AA × Fail

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 152.6410, 31.2360, -32.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

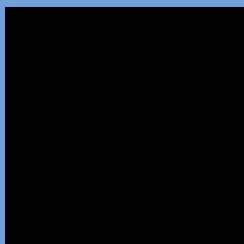
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

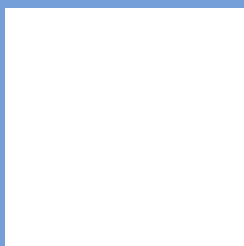
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.6410, 31.2360, -32.1342

Background



This preview shows how black text looks on a background with the YUV color 152.6410, 31.2360, -32.1342.

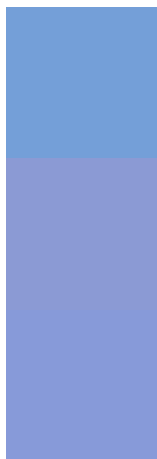


This preview shows how white text looks on a background with the YUV color 152.6410, 31.2360, -32.1342.

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

152.6410, 31.2360, -32.1342

Protanopia

156.1270, 27.5454, -15.0204

Deuteranopia

155.5010, 30.3190, -17.9794



Tritanopia

149.2430, 14.6702, -38.8011

Trichromacy



Original Color

152.6410, 31.2360, -32.1342

Protanomaly

155.0230, 28.5827, -21.0682

Deuteranomaly

154.5820, 30.7721, -23.3124

Tritanomaly

150.1600, 20.6271, -36.0973

Monochromacy



Original Color

152.6410, 31.2360, -32.1342

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9090, 11.3839, -11.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6410, 31.2360, -32.1342 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, 159, 216)` looks like.

```
.text, #text, p{  
    color:rgb(116, 159, 216)  
}
```

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, 159, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 159, 216) }
```

Border

The CSS property to change the border of an element to YUV 152.6410, 31.2360, -32.1342 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

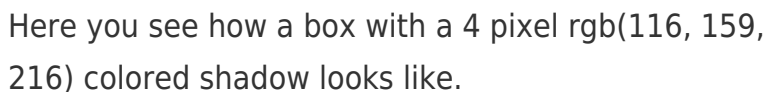
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 159, 216) }
```


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

```
.border{ border-color:rgb(116, 159, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 159, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 159, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 159, 216); box-shadow:4px 4px 4px 4px rgb(116, 159, 216) }
```

Background

The CSS property to change the background color of an element to YUV 152.6410, 31.2360, -32.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 159, 216) }
```

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

```
.background{ background-color: rgb(116,  
159, 216) }
```

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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