

Converting Colors

YUV(152.2110, 36.8710,
-19.4790)

Have a look what the booklet for
YUV(152.2110, 36.8710, -19.4790)
contains.

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Color

**YUV(152.2110, 36.8710,
-19.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	8295E3
RGB	130, 149, 227
RGB Percent	51%, 58%, 89%
CMY	0.4902, 0.4157, 0.1098
CMYK	0.43, 0.34, 0.00, 0.11
HSL	228°, 63%, 70%
HSV	228°, 43%, 89%
XYZ	33.8185, 31.7868, 77.0261
YIQ	152.2110, -36.3620, 20.2300

Conversions

Conversions Part 2

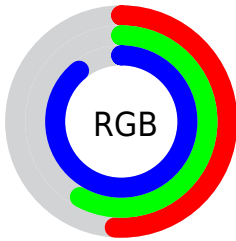
Format	Color
RYB	130, 146, 227
Decimal	8558051
CIELab	63.17, 13.07, -41.71
CIELCh	63, 43.712, 287.397
Yxy	31.7868, 0.2371, 0.2229
Android (android.graphics.Color)	4286748131 (0xFF8295E3)
YUV	152.2110, 36.8710, -19.4790
Hunter-Lab	56.3798, 8.4058, -41.5362

Details

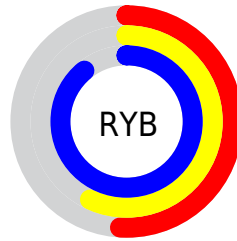
The YUV color **152.2110, 36.8710, -19.4790** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **204.7890, -36.8710, 19.4790**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8450, 25.2194, -15.6501**, and **99.7330, 35.1346, -22.5678** is the 20% darker color. If you saturate the color by 10%, you get **134.7680, 45.4704, -24.3525**, and if you desaturate by 10%, it is **169.6540, 28.2716, -14.6056**.

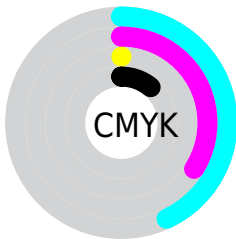
Distribution



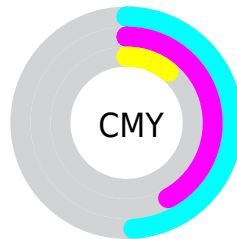
- Red (51%)
- Green (58%)
- Blue (89%)



- Red (51%)
- Yellow (57%)
- Blue (89%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2110, 36.8710, -19.4790 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 152.2110, 36.8710, -19.4790 by changing the saturation by 10% instead.

■ 152.2110, 36.8710,
-19.4790

■ 152.2110, 36.8710,
-19.4790

255.0000, 0.0000,
0.0000

■ 125.3850, 36.2922,
-20.5086

■ 203.8450, 25.2194,
-15.6501

■ 99.7330, 35.1346,
-22.5678

■ 228.9520, 12.8417,
-12.2359

■ 73.8960, 34.5613,
-25.3418

■ 252.0100, 1.4741,
-6.1478

■ 45.1610, 35.9096,
-37.8522

■ 29.3860, 31.3617,
-25.7715

■ 13.1490, 27.5345,
-11.5317

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 152.2110, 36.8710,
-19.4790

■ 152.2110, 36.8710,
-19.4790

■ 134.7680, 45.4704,
-24.3525

■ 169.6540, 28.2716,
-14.6056

■ 117.0370, 54.2118,
-28.0964

■ 187.3850, 19.5302,
-10.8616

■ 99.5940, 62.8112,
-32.9699

■ 204.8280, 10.9308,
-5.9882

■ 82.1510, 71.4106,
-37.8434

■ 222.2710, 2.3314,
-1.1147

■ 65.0070, 79.8625,
-42.1021

■ 239.4150, -6.1206,
3.1440

■ 51.7060, 86.4199,
-45.3462

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



132.7470, 46.9597, -82.2161



152.2110, 36.8710, -19.4790



157.4570, 23.9317, 24.1552

Triad

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



152.2110, 36.8710, -19.4790



152.8380, -27.5281, 56.2701



130.4070, 2.2643, -73.1479

Complementary

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



152.2110, 36.8710, -19.4790



204.7890, -36.8710, 19.4790

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.



142.0910, -21.7369, -28.1438



152.2110, 36.8710, -19.4790



150.8880, -36.9198, 35.1782

Square

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



152.2110, 36.8710, -19.4790



154.5350, -11.1098, 63.5518



147.4560, -35.2278, 5.7391



121.5010, 26.3750, -106.5564

Rectangle

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



152.2110, 36.8710, -19.4790



157.4290, 13.0995, 45.2278



147.4560, -35.2278, 5.7391



136.1120, -6.9572, -55.3492

Sweetspot

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



152.2110, 36.8710, -19.4790



229.2840, 12.6780, -6.3881



195.8310, 5.9993, -57.7338



111.7420, 8.0152, -4.1587



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.



152.2110, 36.8710, -19.4790



154.4950, 49.5490, -25.8671



149.7290, 38.0946, 8.1307



106.1290, 4.3734, -2.7441



40.9510, 68.0582, -35.9140



11.6840, 19.3828, -10.2469

Inverse Universe

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



161.1690, -5.9993, 57.7338



166.7200, -8.2430, 77.4216



207.2710, -38.0946, -8.1307



106.9300, -0.4585, 7.0774



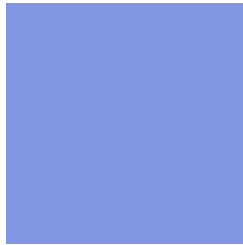
57.5110, -11.0979, 106.5459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 152.2110, 36.8710, -19.4790 looks on a white background.

Color Contrast Check

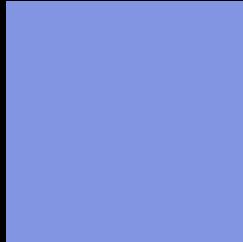
Large Text (above 18pt) WCAG AA × Fail

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 152.2110, 36.8710, -19.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

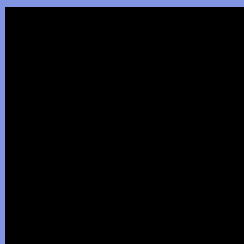
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.2110, 36.8710, -19.4790

Background



This preview shows how black text looks on a background with the YUV color 152.2110, 36.8710, -19.4790.



This preview shows how white text looks on a background with the YUV color 152.2110, 36.8710, -19.4790.

-19.4790.

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

152.2110, 36.8710, -19.4790

Protanopia

151.7160, 37.6080, -22.5529

Deuteranopia

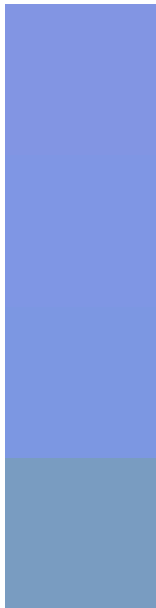
150.8680, 37.0401, -27.0712



Tritanopia

148.3260, 12.1643, -28.3499

Trichromacy



Original Color

152.2110, 36.8710, -19.4790

Protanomaly

152.0150, 37.4606, -21.9382

Deuteranomaly

151.4770, 36.7398, -24.0973

Tritanomaly

149.7530, 21.3208, -25.2164

Monochromacy



Original Color

152.2110, 36.8710, -19.4790

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0990, 13.2622, -7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2110, 36.8710, -19.4790 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(130, 149, 227)` looks like.

```
.text, #text, p{  
    color:rgb(130, 149, 227)  
}
```

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(130, 149, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 149, 227) }
```

Border

The CSS property to change the border of an element to YUV 152.2110, 36.8710, -19.4790 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(130, 149, 227) }
```


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

```
.border{ border-color:rgb(130, 149, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 149, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 149, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 149, 227); box-shadow:4px 4px 4px 4px rgb(130, 149, 227) }
```

Background

The CSS property to change the background color of an element to YUV 152.2110, 36.8710, -19.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 149, 227) }
```

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

```
.background{ background-color: rgb(130,  
149, 227) }
```

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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