

Converting Colors

YUV(152.6130, 37.1658,
-20.7086)

Have a look what the booklet for
YUV(152.6130, 37.1658, -20.7086)
contains.

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Color

**YUV(152.6130, 37.1658,
-20.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	8196E4
RGB	129, 150, 228
RGB Percent	51%, 59%, 89%
CMY	0.4941, 0.4118, 0.1059
CMYK	0.43, 0.34, 0.00, 0.11
HSL	227°, 65%, 70%
HSV	227°, 43%, 89%
XYZ	33.9632, 32.0813, 77.8010
YIQ	152.6130, -37.5540, 19.8060

Conversions

Conversions Part 2

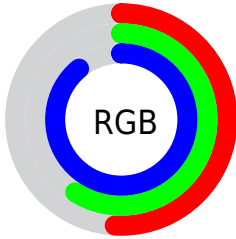
Format	Color
R _Y B	129, 146, 228
Decimal	8492772
CIE Lab	63.41, 12.52, -41.89
CIE LCh	63, 43.720, 286.645
Yxy	32.0813, 0.2361, 0.2230
Android (android.graphics.Color)	4286682852 (0xFF8196E4)
YUV	152.6130, 37.1658, -20.7086
Hunter-Lab	56.6403, 7.9133, -41.7924

Details

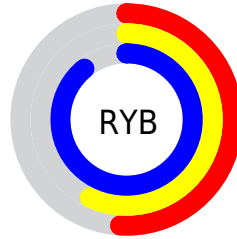
The YUV color **152.6130, 37.1658, -20.7086** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **204.3870, -37.1658, 20.7086**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.1330, 25.0774, -16.7796**, and **100.1350, 35.4294, -23.7974** is the 20% darker color. If you saturate the color by 10%, you get **135.1700, 45.7652, -25.5821**, and if you desaturate by 10%, it is **170.0560, 28.5664, -15.8351**.

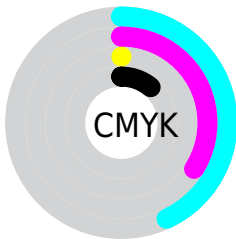
Distribution



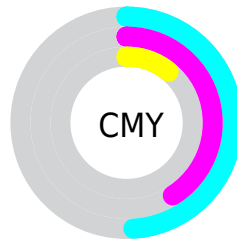
- Red (51%)
- Green (59%)
- Blue (89%)



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



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



- Cyan (49%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6130, 37.1658, -20.7086 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 152.6130, 37.1658, -20.7086 by changing the saturation by 10% instead.

■ 152.6130, 37.1658,
-20.7086

■ 152.6130, 37.1658,
-20.7086

255.0000, 0.0000,
0.0000

■ 125.7870, 36.5870,
-21.7382

■ 204.1330, 25.0774,
-16.7796

■ 100.1350, 35.4294,
-23.7974

■ 229.2400, 12.6997,
-13.3655

■ 73.9990, 35.0035,
-27.1861

■ 251.7110, 1.6215,
-6.7625

■ 45.2640, 36.3518,
-39.6965

■ 30.0870, 31.5091,
-26.3863

■ 13.8500, 27.6820,
-12.1464

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 152.6130, 37.1658,
-20.7086

■ 152.6130, 37.1658,
-20.7086

■ 135.1700, 45.7652,
-25.5821

■ 170.0560, 28.5664,
-15.8351

■ 117.7270, 54.3646,
-30.4556

■ 187.4990, 19.9670,
-10.9616

■ 100.5830, 62.8166,
-34.7143

■ 204.6430, 11.5150,
-6.7029

■ 83.1400, 71.4160,
-39.5878

■ 222.0860, 2.9156,
-1.8294

■ 65.6970, 80.0154,
-44.4613

■ 239.5290, -5.6838,
3.0441

■ 54.1680, 85.6992,
-47.5053

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



132.5510, 47.5494, -84.6752



152.6130, 37.1658, -20.7086



157.8590, 24.2265, 22.9257

Triad

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



152.6130, 37.1658, -20.7086



153.3650, -26.8019, 56.6849



131.1900, 1.3853, -71.2036

Complementary

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



152.6130, 37.1658, -20.7086



204.3870, -37.1658, 20.7086

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.



142.6890, -22.0317, -26.9143



152.6130, 37.1658, -20.7086



151.3010, -36.6304, 35.6930

Square

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



152.6130, 37.1658, -20.7086



154.9480, -10.8204, 64.0666



148.0540, -35.5226, 6.9686



122.0880, 26.0856, -107.0712

Rectangle

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



152.6130, 37.1658, -20.7086



158.1300, 13.2469, 44.6130



148.0540, -35.5226, 6.9686



136.5960, -7.6888, -54.0197

Sweetspot

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



152.6130, 37.1658, -20.7086



229.8710, 12.3886, -6.9029



196.0050, 5.4205, -58.7634



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.



152.6130, 37.1658, -20.7086



154.1850, 49.7018, -28.2262



148.6580, 39.1156, 7.3159



106.1290, 4.3734, -2.7441



42.7120, 67.1900, -37.4584



12.2710, 19.0934, -10.7617

Inverse Universe

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



160.9950, -5.4205, 58.7634



165.0730, -6.9380, 78.8660



208.3420, -39.1156, -7.3159



106.9300, -0.4585, 7.0774



57.8530, -9.7875, 106.2459



16.5030, -2.7130, 30.2539

Previews

White Background



This preview shows how the YUV color 152.6130, 37.1658, -20.7086 looks on a white background.

Color Contrast Check

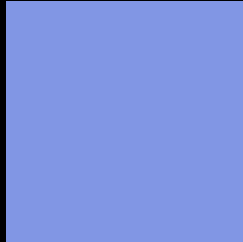
Large Text (above 18pt) WCAG AA × Fail

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 152.6130, 37.1658, -20.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

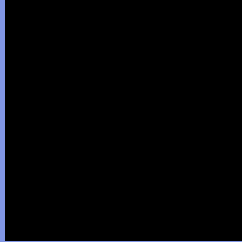
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.6130, 37.1658, -20.7086

Background



This preview shows how black text looks on a background with the YUV color 152.6130, 37.1658, -20.7086.



This preview shows how white text looks on a background with the YUV color 152.6130, 37.1658, -20.7086.

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

152.6130, 37.1658, -20.7086

Protanopia

152.6020, 37.1712, -22.4530

Deuteranopia

150.9820, 37.4769, -27.1712



Tritanopia

148.4290, 12.6065, -30.1942

Trichromacy



Original Color

152.6130, 37.1658, -20.7086

Protanomaly

152.9010, 37.0238, -21.8382

Deuteranomaly

151.2920, 37.3240, -24.8121

Tritanomaly

149.8560, 21.7630, -27.0607

Monochromacy



Original Color

152.6130, 37.1658, -20.7086

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8000, 13.4096, -7.7176

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6130, 37.1658, -20.7086 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(129, 150, 228)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 228)  
}
```

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(129, 150, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 228) }
```

Border

The CSS property to change the border of an element to YUV 152.6130, 37.1658, -20.7086 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(129, 150, 228) }
```


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

```
.border{ border-color:rgb(129, 150, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 150, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 150, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 150, 228); box-shadow:4px 4px 4px 4px rgb(129, 150, 228) }
```

Background

The CSS property to change the background color of an element to YUV 152.6130, 37.1658, -20.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 228) }
```

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

```
.background{ background-color: rgb(129,  
150, 228) }
```

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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