

Converting Colors

YUV(140.7200, 51.4100,
-62.8984)

Have a look what the booklet for
YUV(140.7200, 51.4100, -62.8984)
contains.

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Color

**YUV(140.7200, 51.4100,
-62.8984)**

Conversions

Conversions Part 1

Format	Color
Hex	459DF5
RGB	69, 157, 245
RGB Percent	27%, 62%, 96%
CMY	0.7294, 0.3843, 0.0392
CMYK	0.72, 0.36, 0.00, 0.04
HSL	210°, 90%, 62%
HSV	210°, 72%, 96%
XYZ	30.9926, 31.9717, 90.9239
YIQ	140.7200, -80.6960, 8.7120

Conversions

Conversions Part 2

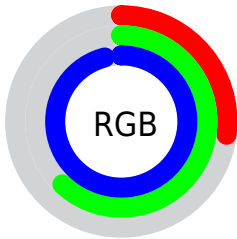
Format	Color
RYB	69, 128, 245
Decimal	4562421
CIELab	63.32, 2.25, -51.58
CIELCh	63, 51.629, 272.500
Yxy	31.9717, 0.2014, 0.2078
Android (android.graphics.Color)	4282752501 (0xFF459DF5)
YUV	140.7200, 51.4100, -62.8984
Hunter-Lab	56.5435, -1.1118, -55.7598

Details

The YUV color **140.7200, 51.4100, -62.8984** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **173.2800, -51.4100, 62.8984**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8900, 30.1272, -49.8925**, and **83.6540, 51.4426, -73.3646** is the 20% darker color. If you saturate the color by 10%, you get **126.5000, 58.4205, -71.4755**, and if you desaturate by 10%, it is **155.2390, 44.2522, -53.7066**.

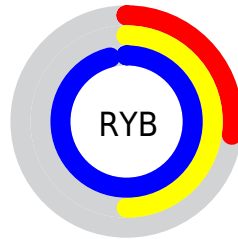
Distribution



Red (27%)

Green (62%)

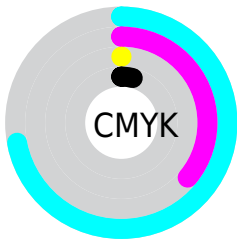
Blue (96%)



Red (27%)

Yellow (50%)

Blue (96%)

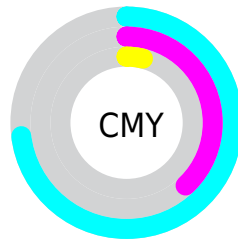


Cyan (72%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (38%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7200, 51.4100, -62.8984 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 140.7200, 51.4100, -62.8984 by changing the saturation by 10% instead.

■ 140.7200, 51.4100,
-62.8984

■ 140.7200, 51.4100,
-62.8984

255.0000, 0.0000,
0.0000

■ 105.7070, 54.3744,
-80.4270

■ 193.8900, 30.1272,
-49.8925

■ 83.6540, 51.4426,
-73.3646

■ 219.5950, 17.4547,
-45.2488

■ 67.0750, 46.3050,
-58.8248

■ 237.9570, 8.4022,
-35.0423

■ 50.4960, 41.1675,
-44.2850

■ 247.2260, 3.8326,
-15.9842

■ 35.2050, 35.8879,
-30.8748

■ 20.6150, 30.7558,
-18.0794

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 140.7200, 51.4100,
-62.8984

■ 140.7200, 51.4100,
-62.8984

■ 126.5000, 58.4205,
-71.4755

■ 155.2390, 44.2522,
-53.7066

■ 111.9810, 65.5784,
-80.6673

■ 170.0460, 36.9523,
-45.6443

■ 100.1310, 71.4204,
-87.8149

■ 184.5650, 29.7945,
-36.4525

■ 198.7850, 22.7840,
-27.8754

■ 213.3040, 15.6261,
-18.6836

■ 228.1110, 8.3263,
-10.6213

■ 242.6300, 1.1684,
-1.4295

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



125.8790, 53.3037, -110.3959



140.7200, 51.4100, -62.8984



156.6530, 36.6531, 3.8123

Triad

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



140.7200, 51.4100, -62.8984



152.2020, -22.7776, 72.6138



133.1130, -11.8877, -60.6121

Complementary

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



140.7200, 51.4100, -62.8984



173.2800, -51.4100, 62.8984

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.



143.3350, -35.1682, -13.4488



140.7200, 51.4100, -62.8984



151.0260, -39.4528, 54.3512

Square

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



140.7200, 51.4100, -62.8984



154.4080, -1.6801, 72.4332



148.3460, -45.0336, 24.2526



121.0960, 17.2077, -106.2012

Rectangle

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



140.7200, 51.4100, -62.8984



157.9900, 25.6409, 35.9658



148.3460, -45.0336, 24.2526



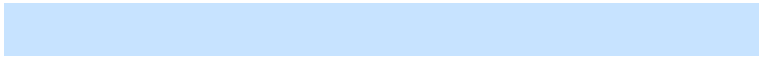
137.8180, -21.1093, -42.8134

Sweetspot

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



140.7200, 51.4100, -62.8984



221.8200, 16.3577, -20.0131



182.3440, -12.4946, -99.4027



107.8550, 9.9315, -12.1508



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.



140.7200, 51.4100, -62.8984



124.9490, 64.1151, -78.0083



89.0640, 76.8764, -17.5961



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Inverse Universe

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



131.6560, 12.4946, 99.4027



113.9070, 15.3288, 123.7386



224.9360, -76.8764, 17.5961



114.2720, 0.8519, 6.7775



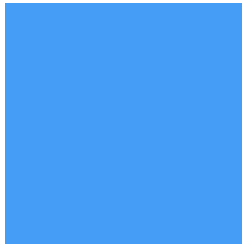
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 140.7200, 51.4100, -62.8984 looks on a white background.

Color Contrast Check

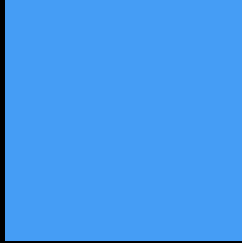
Large Text (above 18pt) WCAG AA × Fail

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 140.7200, 51.4100, -62.8984 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

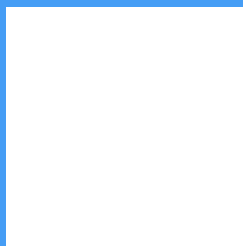
Any Text WCAG AAA ✓ Pass

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

YUV 140.7200, 51.4100, -62.8984 Background



This preview shows how black text looks on a background with the YUV color 140.7200, 51.4100, -62.8984.



This preview shows how white text looks on a background with the YUV color 140.7200, 51.4100, -62.8984.

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

140.7200, 51.4100, -62.8984

Protanopia

150.1760, 43.2972, -27.3414

Deuteranopia

146.5590, 49.0244, -44.3402



Tritanopia

120.0650, 31.0270, -105.2970

Trichromacy



Original Color

140.7200, 51.4100, -62.8984

Protanomaly

146.8970, 46.3928, -40.2517

Deuteranomaly

144.1560, 50.2091, -51.0028

Tritanomaly

127.8140, 38.5457, -90.1679

Monochromacy



Original Color

140.7200, 51.4100, -62.8984

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.0800, 18.6946, -22.8722

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7200, 51.4100, -62.8984 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(69, 157, 245)` looks like.

```
.text, #text, p{  
    color:rgb(69, 157, 245)  
}
```

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(69, 157, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 157, 245) }
```

Border

The CSS property to change the border of an element to YUV 140.7200, 51.4100, -62.8984 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(69, 157, 245) }
```


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

```
.border{ border-color:rgb(69, 157, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 157, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 157, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 157, 245);  
box-shadow:4px 4px 4px 4px rgb(69, 157,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 140.7200, 51.4100, -62.8984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 157, 245) }
```

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

```
.background{ background-color: rgb(69, 157,  
245) }
```

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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