

Converting Colors

YUV(130.1700, 55.6252,
-61.5391)

Have a look what the booklet for
YUV(130.1700, 55.6252, -61.5391)
contains.

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Color

**YUV(130.1700, 55.6252,
-61.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	3C90F3
RGB	60, 144, 243
RGB Percent	24%, 56%, 95%
CMY	0.7647, 0.4353, 0.0471
CMYK	0.75, 0.41, 0.00, 0.05
HSL	212°, 88%, 59%
HSV	212°, 75%, 95%
XYZ	28.0144, 27.3782, 88.6020
YIQ	130.1700, -81.8430, 12.9810

Conversions

Conversions Part 2

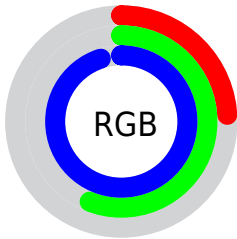
Format	Color
R _Y B	60, 118, 243
Decimal	3969267
CIE Lab	59.32, 8.08, -56.85
CIE LCh	59, 57.425, 278.091
Yxy	27.3782, 0.1946, 0.1901
Android (android.graphics.Color)	4282159347 (0xFF3C90F3)
YUV	130.1700, 55.6252, -61.5391
Hunter-Lab	52.3242, 4.0016, -63.7704

Details

The YUV color **130.1700, 55.6252, -61.5391** 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 **172.8300, -55.6252, 61.5391**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5790, 35.2106, -46.9888**, and **76.3820, 54.0417, -66.9870** is the 20% darker color. If you saturate the color by 10%, you get **115.3630, 62.9250, -69.6014**, and if you desaturate by 10%, it is **144.9770, 48.3253, -53.4768**.

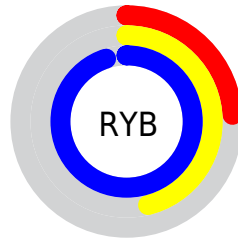
Distribution



Red (24%)

Green (56%)

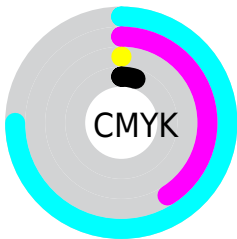
Blue (95%)



Red (24%)

Yellow (46%)

Blue (95%)

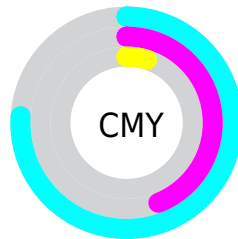


Cyan (75%)

Magenta (41%)

Yellow (0%)

Black (5%)



Cyan (76%)

Magenta (44%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1700, 55.6252, -61.5391 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 130.1700, 55.6252, -61.5391 by changing the saturation by 10% instead.

■ 130.1700, 55.6252,
-61.5391

■ 130.1700, 55.6252,
-61.5391

255.0000, 0.0000,
0.0000

■ 94.2490, 59.0372,
-82.6564

■ 183.5790, 35.2106,
-46.9888

■ 76.3820, 54.0417,
-66.9870

■ 209.5830, 22.3906,
-41.7303

■ 59.8030, 48.9041,
-52.4472

■ 235.8750, 9.4286,
-37.6014

■ 44.3980, 43.1878,
-38.9370

■ 245.7310, 4.5696,
-19.0581

■ 30.2810, 37.3295,
-26.5564

■ 13.3430, 33.3549,
-11.7018

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 130.1700, 55.6252,
-61.5391

■ 130.1700, 55.6252,
-61.5391

■ 115.3630, 62.9250,
-69.6014

■ 144.9770, 48.3253,
-53.4768

■ 100.2570, 70.3723,
-78.2784

■ 160.0830, 40.8781,
-44.7998

■ 93.4460, 73.7301,
-81.9521

■ 174.8900, 33.5782,
-36.7375

■ 190.2840, 25.9890,
-29.1901

■ 205.0910, 18.6891,
-21.1278

■ 220.1970, 11.2419,
-12.4508

■ 235.0040, 3.9420,
-4.3885

■ 249.8110, -3.3578,
3.6738

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



119.6500, 57.3606, -104.9330



130.1700, 55.6252, -61.5391



146.9470, 37.4941, 14.0785

Triad

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



130.1700, 55.6252, -61.5391



139.5570, -27.8826, 76.6875



108.0100, -2.4699, -94.7248

Complementary

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



130.1700, 55.6252, -61.5391



172.8300, -55.6252, 61.5391

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.



129.2690, -35.1356, -23.9149



130.1700, 55.6252, -61.5391



139.1800, -46.4307, 52.4621

Square

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



130.1700, 55.6252, -61.5391



140.6650, -4.7648, 81.8548



135.2930, -51.4164, 18.1600



115.6990, 19.3754, -101.4680

Rectangle

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



130.1700, 55.6252, -61.5391



146.5400, 24.8768, 47.7614



135.2930, -51.4164, 18.1600



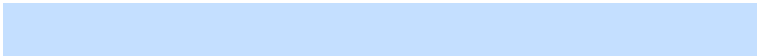
119.9510, -16.2448, -63.1010

Sweetspot

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



130.1700, 55.6252, -61.5391



218.5750, 17.9575, -19.7983



178.5930, -10.1523, -104.0061



105.4960, 11.0945, -11.8360



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.



130.1700, 55.6252, -61.5391



113.4420, 69.7881, -77.5636



82.6560, 79.0496, -14.6073



114.8900, 3.5052, -4.2885



71.0990, 56.6462, -62.3538



22.5750, 17.9575, -19.7983

Inverse Universe

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



124.2930, 9.7156, 104.1060



105.8540, 12.3970, 130.8010



220.3440, -79.0496, 14.6073



114.2720, 0.8519, 6.7775



65.3040, 9.7101, 105.8504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 130.1700, 55.6252, -61.5391 looks on a white background.

Color Contrast Check

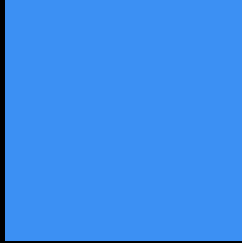
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1700, 55.6252, -61.5391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

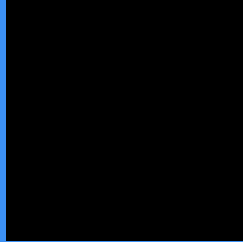
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

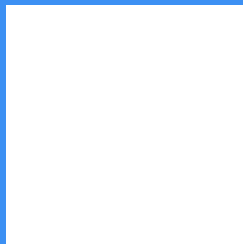
Any Text WCAG AAA × Fail

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

YUV 130.1700, 55.6252, -61.5391 Background



This preview shows how black text looks on a background with the YUV color 130.1700, 55.6252, -61.5391.



This preview shows how white text looks on a background with the YUV color 130.1700, 55.6252, -61.5391.

-61.5391.

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

130.1700, 55.6252, -61.5391

Protanopia

138.6250, 48.9919, -33.8741

Deuteranopia

131.0780, 55.1775, -57.9504



Tritanopia

112.1260, 28.5319, -98.3345

Trichromacy



Original Color

130.1700, 55.6252, -61.5391

Protanomaly

135.5420, 51.4978, -44.3253

Deuteranomaly

130.4800, 55.4724, -59.1800

Tritanomaly

118.8470, 38.5294, -84.9348

Monochromacy



Original Color

130.1700, 55.6252, -61.5391

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1340, 20.1469, -22.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1700, 55.6252, -61.5391 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(60, 144, 243)` looks like.

```
.text, #text, p{  
    color:rgb(60, 144, 243)  
}
```

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(60, 144, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 144, 243) }
```

Border

The CSS property to change the border of an element to YUV 130.1700, 55.6252, -61.5391 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(60, 144, 243) }
```


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

```
.border{ border-color:rgb(60, 144, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 144, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 144, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 144, 243);  
box-shadow:4px 4px 4px 4px rgb(60, 144,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 130.1700, 55.6252, -61.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 144, 243) }
```

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

```
.background{ background-color: rgb(60, 144,  
243) }
```

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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