

Converting Colors

YUV(151.2020, 43.7774,
-41.3962)

Have a look what the booklet for
YUV(151.2020, 43.7774, -41.3962)
contains.

YUV(151.2020, 43.7774, -41.3962)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.2020, 43.7774,
-41.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	689EF0
RGB	104, 158, 240
RGB Percent	41%, 62%, 94%
CMY	0.5922, 0.3804, 0.0588
CMYK	0.57, 0.34, 0.00, 0.06
HSL	216°, 82%, 67%
HSV	216°, 57%, 94%
XYZ	33.6640, 33.6880, 87.1662
YIQ	151.2020, -58.5060, 14.0540

Conversions

Conversions Part 2

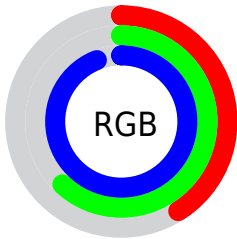
Format	Color
RYB	104, 143, 240
Decimal	6856432
CIELab	64.71, 5.86, -46.54
CIElCh	65, 46.911, 277.172
Yxy	33.6880, 0.2179, 0.2180
Android (android.graphics.Color)	4285046512 (0xFF689EF0)
YUV	151.2020, 43.7774, -41.3962
Hunter-Lab	58.0414, 1.9574, -48.4124

Details

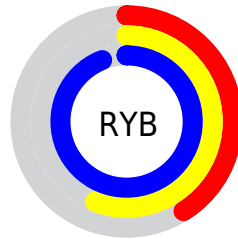
The YUV color **151.2020, 43.7774, -41.3962** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **192.7980, -43.7774, 41.3962**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2510, 26.0053, -34.4231**, and **94.1360, 43.8100, -51.8623** is the 20% darker color. If you saturate the color by 10%, you get **135.8080, 51.3667, -48.9436**, and if you desaturate by 10%, it is **166.5960, 36.1882, -33.8487**.

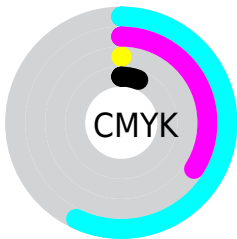
Distribution



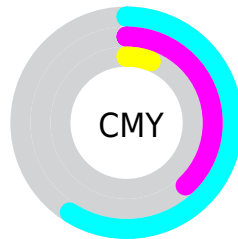
- Red (41%)
- Green (62%)
- Blue (94%)



- Red (41%)
- Yellow (56%)
- Blue (94%)



- Cyan (57%)
- Magenta (34%)
- Yellow (0%)
- Black (6%)



- Cyan (59%)
- Magenta (38%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2020, 43.7774, -41.3962 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 151.2020, 43.7774, -41.3962 by changing the saturation by 10% instead.

■ 151.2020, 43.7774,
-41.3962

■ 151.2020, 43.7774,
-41.3962

255.0000, 0.0000,
0.0000

■ 123.3650, 43.2041,
-44.1701

■ 202.2510, 26.0053,
-34.4231

■ 94.1360, 43.8100,
-51.8623

■ 228.2440, 13.1907,
-30.9090

■ 66.5050, 44.1210,
-58.3249

■ 245.4320, 4.7170,
-19.6729

■ 50.6270, 39.1309,
-44.3999

254.4020, 0.2948,
-1.2296

■ 35.3360, 33.8514,
-30.9897

■ 20.2730, 29.4454,
-17.7794

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 151.2020, 43.7774,
-41.3962

■ 151.2020, 43.7774,
-41.3962

■ 135.8080, 51.3667,
-48.9436

■ 166.5960, 36.1882,
-33.8487

■ 119.8270, 59.2453,
-55.9763

■ 182.5770, 28.3095,
-26.8160

■ 104.4330, 66.8345,
-63.5237

■ 197.9710, 20.7203,
-19.2686

■ 88.4520, 74.7132,
-70.5564

■ 213.9520, 12.8417,
-12.2359

■ 83.1250, 77.3394,
-72.9006

■ 229.3460, 5.2524,
-4.6884

■ 245.3270, -2.6262,
2.3442

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



126.4660, 53.0143, -110.9107



151.2020, 43.7774, -41.3962



160.9160, 31.1004, 11.4747

Triad

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



151.2020, 43.7774, -41.3962



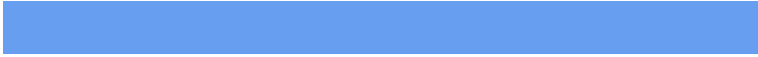
157.1040, -24.2083, 64.8068



137.9650, -7.3777, -60.4823

Complementary

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



151.2020, 43.7774, -41.3962



192.7980, -43.7774, 41.3962

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.



147.5070, -29.3370, -17.1076



151.2020, 43.7774, -41.3962



155.1390, -37.5365, 46.3591

Square

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



151.2020, 43.7774, -41.3962



158.7510, -5.3002, 66.8704



152.2680, -40.0651, 17.3050



123.4100, 20.9969, -108.2306

Rectangle

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



151.2020, 43.7774, -41.3962



161.9210, 20.2519, 37.7803



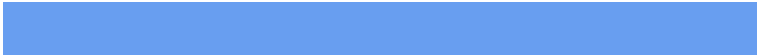
152.2680, -40.0651, 17.3050



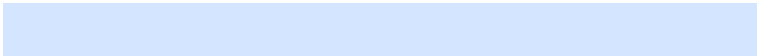
141.8870, -15.7203, -44.6279

Sweetspot

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



151.2020, 43.7774, -41.3962



226.8810, 13.8627, -13.0506



193.1800, -3.5397, -78.2109



110.8340, 8.4628, -7.7474



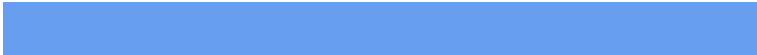
0.0000, 0.0000, 0.0000



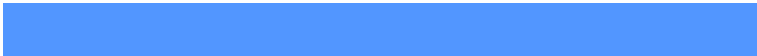
128.0000, 0.0000, 0.0000

Same Dimension

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



151.2020, 43.7774, -41.3962



141.6380, 55.8875, -52.3025



123.6900, 57.3408, -4.9901



112.3030, 3.7946, -3.7737



63.8270, 59.2453, -55.9763



19.2980, 18.0941, -16.9243

Inverse Universe

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



150.8200, 3.5397, 78.2109



141.4790, 4.2009, 99.5579



220.3100, -57.3408, 4.9901



112.1580, 0.4151, 6.8774



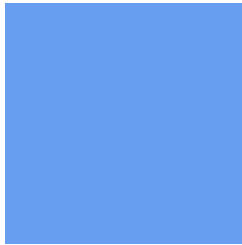
63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 151.2020, 43.7774, -41.3962 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 151.2020, 43.7774, -41.3962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

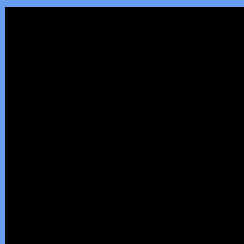
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

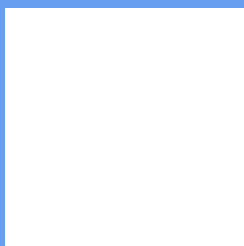
Any Text WCAG AAA ✓ Pass

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

YUV 151.2020, 43.7774, -41.3962 Background



This preview shows how black text looks on a background with the YUV color 151.2020, 43.7774, -41.3962.



This preview shows how white text looks on a background with the YUV color 151.2020, 43.7774, -41.3962.

-41.3962.

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

151.2020, 43.7774, -41.3962

Protanopia

154.6880, 40.0868, -24.2824

Deuteranopia

153.0180, 42.8821, -34.2188



Tritanopia

144.5830, 18.9396, -54.8853

Trichromacy



Original Color

151.2020, 43.7774, -41.3962

Protanomaly

153.5840, 41.1241, -30.3302

Deuteranomaly

152.4090, 43.1824, -37.1927

Tritanomaly

147.0210, 28.0906, -50.0074

Monochromacy



Original Color

151.2020, 43.7774, -41.3962

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3260, 15.6153, -15.1949

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2020, 43.7774, -41.3962 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(104, 158, 240)` looks like.

```
.text, #text, p{  
    color:rgb(104, 158, 240)  
}
```

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(104, 158, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 158, 240) }
```

Border

The CSS property to change the border of an element to YUV 151.2020, 43.7774, -41.3962 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(104, 158, 240) }
```


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

```
.border{ border-color:rgb(104, 158, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 158, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 158, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 158, 240);  
box-shadow:4px 4px 4px 4px rgb(104, 158,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 151.2020, 43.7774, -41.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 158, 240) }
```

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

```
.background{ background-color: rgb(104,  
158, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor