

Converting Colors

YUV(172.2000, 20.1144,
-11.5764)

Have a look what the booklet for
YUV(172.2000, 20.1144, -11.5764)
contains.

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Color

**YUV(172.2000, 20.1144,
-11.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	9FABD5
RGB	159, 171, 213
RGB Percent	62%, 67%, 84%
CMY	0.3765, 0.3294, 0.1647
CMYK	0.25, 0.20, 0.00, 0.16
HSL	227°, 39%, 73%
HSV	227°, 25%, 84%
XYZ	40.8712, 41.3008, 68.7685
YIQ	172.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

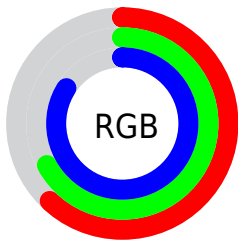
Format	Color
R _Y B	159, 169, 213
Decimal	10464213
CIE Lab	70.39, 5.04, -22.65
CIE LCh	70, 23.208, 282.545
Yxy	41.3008, 0.2708, 0.2736
Android (android.graphics.Color)	4288654293 (0xFF9FABD5)
YUV	172.2000, 20.1144, -11.5764
Hunter-Lab	64.2657, 1.0560, -18.4581

Details

The YUV color $172.2000, 20.1144, -11.5764$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $199.8000, -20.1144, 11.5764$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.7180, 14.4360, -10.2767$, and $119.5590, 18.9514, -11.8912$ is the 20% darker color. If you saturate the color by 10%, you get $155.9420, 28.1296, -15.7351$, and if you desaturate by 10%, it is $188.4580, 12.0992, -7.4177$.

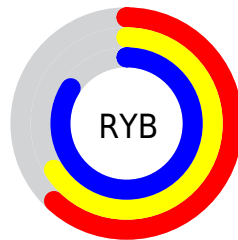
Distribution



Red (62%)

Green (67%)

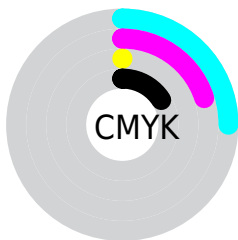
Blue (84%)



Red (62%)

Yellow (66%)

Blue (84%)

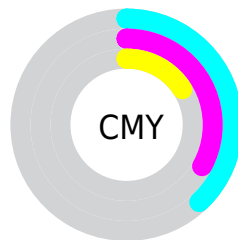


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2000, 20.1144, -11.5764 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 172.2000, 20.1144, -11.5764 by changing the saturation by 10% instead.

■ 172.2000, 20.1144,
-11.5764

■ 172.2000, 20.1144,
-11.5764

255.0000, 0.0000,
0.0000

■ 145.6730, 19.3882,
-11.9912

■ 225.7180, 14.4360,
-10.2767

■ 119.5590, 18.9514,
-11.8912

■ 251.4120, 1.7689,
-7.3773

■ 94.4450, 18.5146,
-11.7913

■ 70.9180, 17.7884,
-12.2061

■ 47.9780, 16.7728,
-13.1357

■ 24.9560, 16.7837,
-16.6244

■ 4.3320, 16.5983,

-3.7992

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 172.2000, 20.1144,
-11.5764

■ 172.2000, 20.1144,
-11.5764

■ 155.9420, 28.1296,
-15.7351

■ 188.4580, 12.0992,
-7.4177

■ 139.9720, 36.0028,
-21.0234

■ 204.4280, 4.2260,
-2.1294

■ 123.7140, 44.0180,
-25.1822

■ 220.6860, -3.7892,
2.0294

■ 108.0430, 51.7438,
-29.8557

■ 236.3570,
-11.5150, 6.7029

■ 91.7850, 59.7590,
-34.0144

■ 249.6250,
-18.0561, 4.7139

■ 75.8150, 67.6322,
-39.3028

■ 250.2120,
-18.3455, 4.1991

■ 59.5570, 75.6474,
-43.4615

■ 51.8710, 79.4366,
-45.4909

Harmonies

Analogous

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



167.8230, 21.7793, -32.2938



172.2000, 20.1144, -11.5764



175.3230, 13.6448, 10.2407

Triad

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



172.2000, 20.1144, -11.5764



173.8380, -14.2171, 33.4681



165.0150, -2.9654, -28.9542

Complementary

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



172.2000, 20.1144, -11.5764



199.8000, -20.1144, 11.5764

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.



167.4920, -13.0606, -10.9555



172.2000, 20.1144, -11.5764



172.5780, -20.0050, 23.1721

Square

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



172.2000, 20.1144, -11.5764



175.1400, -5.4920, 34.9572



170.5930, -19.5193, 7.3729



162.9130, 8.4239, -42.0197

Rectangle

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



172.2000, 20.1144, -11.5764



175.9070, 7.9338, 22.0066



170.5930, -19.5193, 7.3729



165.7230, -6.7654, -23.4361

Sweetspot

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



172.2000, 20.1144, -11.5764



239.6280, 7.5784, -4.0588



195.3720, 2.2816, -31.8982



118.2430, 4.8102, -2.8441



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.



172.2000, 20.1144, -11.5764



197.6430, 28.2770, -16.3499



169.3420, 21.5234, 3.2081



99.0150, 3.9366, -2.6442



41.8000, 63.6956, -36.6586



10.7720, 15.8884, -9.4470

Inverse Universe

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



176.5140, -2.7184, 31.9982



203.5480, -4.2142, 45.1234



202.6580, -21.5234, -3.2081



99.6310, -0.3111, 6.4626



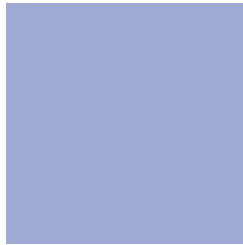
55.4610, -8.6083, 101.3277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 172.2000, 20.1144, -11.5764 looks on a white background.

Color Contrast Check

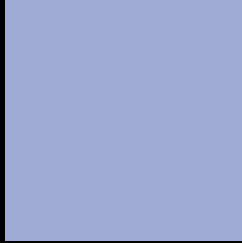
Large Text (above 18pt) WCAG AA × Fail

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 172.2000, 20.1144, -11.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

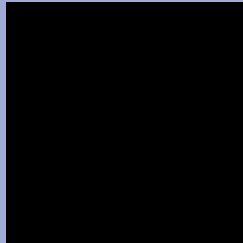
Any Text WCAG AA ✓ Pass

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 172.2000, 20.1144, -11.5764 Background



This preview shows how black text looks on a background with the YUV color 172.2000, 20.1144, -11.5764.



This preview shows how white text looks on a background with the YUV color 172.2000, 20.1144, -11.5764.

-11.5764.

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

172.2000, 20.1144, -11.5764

Protanopia

172.3960, 19.5248, -9.1173

Deuteranopia

172.9450, 20.2401, -5.2138



Tritanopia

170.3170, 9.2107, -14.3100

Trichromacy



Original Color

172.2000, 20.1144, -11.5764

Protanomaly

172.0970, 19.6722, -9.7321

Deuteranomaly

172.6350, 20.3929, -7.5729

Tritanomaly

171.3540, 13.1365, -13.4655

Monochromacy



Original Color

172.2000, 20.1144, -11.5764

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2000, 20.1144, -11.5764 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(159, 171, 213)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 213)  
}
```

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(159, 171, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 213) }
```

Border

The CSS property to change the border of an element to YUV 172.2000, 20.1144, -11.5764 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(159, 171, 213) }
```


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

```
.border{ border-color:rgb(159, 171, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 171, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 171, 213); box-shadow:4px 4px 4px 4px rgb(159, 171, 213) }
```

Background

The CSS property to change the background color of an element to YUV 172.2000, 20.1144, -11.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 213) }
```

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

```
.background{ background-color: rgb(159,  
171, 213) }
```

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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