

Converting Colors

YUV(164.1530, 44.7876,
-38.7222)

Have a look what the booklet for
YUV(164.1530, 44.7876, -38.7222)
contains.

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Color

**YUV(164.1530, 44.7876,
-38.7222)**

Conversions

Conversions Part 1

Format	Color
Hex	78A9FF
RGB	120, 169, 255
RGB Percent	47%, 66%, 100%
CMY	0.5294, 0.3373, 0.0000
CMYK	0.53, 0.34, 0.00, 0.00
HSL	218°, 100%, 74%
HSV	218°, 53%, 100%
XYZ	39.9837, 39.5890, 100.1418
YIQ	164.1530, -56.8100, 16.3580

Conversions

Conversions Part 2

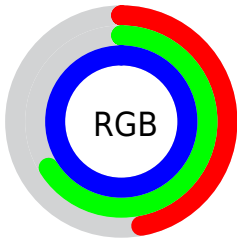
Format	Color
R _Y B	120, 156, 255
Decimal	7907839
CIE Lab	69.18, 7.51, -47.64
CIE LCh	69, 48.231, 278.954
Yxy	39.5890, 0.2225, 0.2203
Android (android.graphics.Color)	4286097919 (0xFF78A9FF)
YUV	164.1530, 44.7876, -38.7222
Hunter-Lab	62.9198, 3.3219, -50.3209

Details

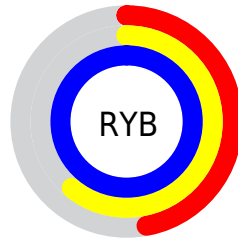
The YUV color **164.1530, 44.7876, -38.7222** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **210.8470, -44.7876, 38.7222**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0790, 20.1741, -30.7643**, and **108.2940, 44.2251, -44.9848** is the 20% darker color. If you saturate the color by 10%, you get **147.2860, 53.1030, -45.8548**, and if you desaturate by 10%, it is **181.3190, 36.3247, -30.9748**.

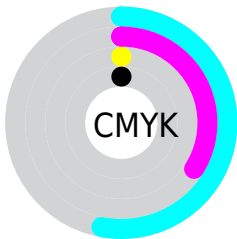
Distribution



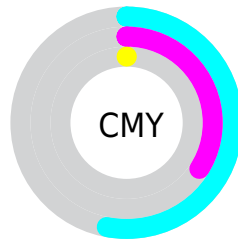
- Red (47%)
- Green (66%)
- Blue (100%)



- Red (47%)
- Yellow (61%)
- Blue (100%)



- Cyan (53%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1530, 44.7876, -38.7222 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 164.1530, 44.7876, -38.7222 by changing the saturation by 10% instead.

■ 164.1530, 44.7876,
-38.7222

■ 164.1530, 44.7876,
-38.7222

255.0000, 0.0000,
0.0000

■ 136.6150, 44.0668,
-40.8814

■ 214.0790, 20.1741,
-30.7643

■ 108.2940, 44.2251,
-44.9848

■ 239.4850, 7.6489,
-26.7353

■ 74.8680, 46.9001,
-63.0282

■ 250.2160, 2.3585,
-9.8364

■ 57.3920, 42.2047,
-50.3328

■ 41.5140, 37.2146,
-36.4078

■ 26.9240, 32.0825,
-23.6123

■ 10.1000, 28.5447,

-8.8577

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 164.1530, 44.7876,
-38.7222

■ 164.1530, 44.7876,
-38.7222

■ 147.2860, 53.1030,
-45.8548

■ 181.3190, 36.3247,
-30.9748

■ 130.1200, 61.5658,
-53.6022

■ 198.1860, 28.0093,
-23.8421

■ 112.6660, 70.1707,
-60.2201

■ 215.6400, 19.4045,
-17.2243

■ 95.5000, 78.6335,
-67.9675

■ 232.8060, 10.9416,
-9.4769

■ 83.6610, 84.4701,
-73.3707

■ 249.9720, 2.4788,
-1.7294

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



135.3340, 56.5303, -118.6879



164.1530, 44.7876, -38.7222



173.0520, 31.5264, 14.8634

Triad

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



164.1530, 44.7876, -38.7222



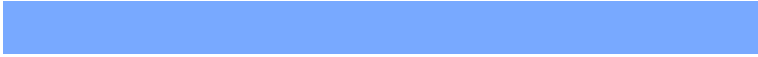
168.6590, -25.9609, 66.9511



148.5730, -6.1985, -65.4005

Complementary

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



164.1530, 44.7876, -38.7222



210.8470, -44.7876, 38.7222

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.



158.4850, -29.3261, -20.5963



164.1530, 44.7876, -38.7222



166.9820, -39.4311, 47.3738

Square

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



164.1530, 44.7876, -38.7222



170.4310, -6.6215, 70.6590



164.2140, -41.5175, 16.4753



132.7510, 23.7868, -116.4226

Rectangle

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



164.1530, 44.7876, -38.7222



174.2420, 20.0937, 41.8838



164.2140, -41.5175, 16.4753



152.6800, -15.1252, -48.8314

Sweetspot

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



164.1530, 44.7876, -38.7222



227.4790, 13.5679, -11.8211



209.0490, -1.5032, -78.0960



111.1330, 8.3154, -7.1326



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.



164.1530, 44.7876, -38.7222



145.2150, 54.1240, -46.6696



140.7720, 56.3144, -2.4310



118.8300, 4.5208, -3.3589



62.2770, 63.4604, -54.6169



20.7970, 21.2991, -18.2390

Inverse Universe

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



165.9510, 1.5032, 78.0960



147.4630, 1.7437, 94.3099



234.2280, -56.3144, 2.4310



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 164.1530, 44.7876, -38.7222 looks on a white background.

Color Contrast Check

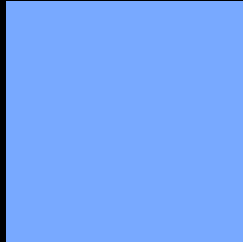
Large Text (above 18pt) WCAG AA × Fail

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 164.1530, 44.7876, -38.7222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

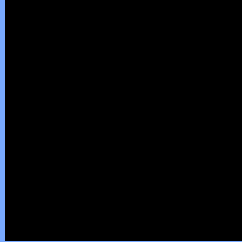
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

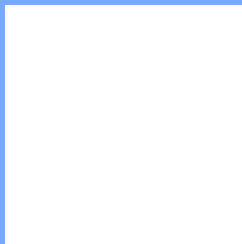
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.1530, 44.7876, -38.7222

Background



This preview shows how black text looks on a background with the YUV color 164.1530, 44.7876, -38.7222.



This preview shows how white text looks on a background with the YUV color 164.1530, 44.7876, -38.7222.

-38.7222.

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

164.1530, 44.7876, -38.7222

Protanopia

166.8450, 41.9814, -25.2971

Deuteranopia

165.6590, 44.0451, -33.9039



Tritanopia

158.0780, 18.2025, -51.8114

Trichromacy



Original Color

164.1530, 44.7876, -38.7222

Protanomaly

165.4530, 43.1607, -30.2153

Deuteranomaly

164.7620, 44.4873, -35.7483

Tritanomaly

160.6300, 27.7904, -47.0335

Monochromacy



Original Color

164.1530, 44.7876, -38.7222

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1520, 16.1941, -14.1653

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1530, 44.7876, -38.7222 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(120, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 169, 255)  
}
```

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(120, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 169, 255) }
```

Border

The CSS property to change the border of an element to YUV 164.1530, 44.7876, -38.7222 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(120, 169, 255) }
```


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

```
.border{ border-color:rgb(120, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 169,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 164.1530, 44.7876, -38.7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 169, 255) }
```

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

```
.background{ background-color: rgb(120,  
169, 255) }
```

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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