

Converting Colors

YUV(142.2050, 22.5769,
-8.0728)

Have a look what the booklet for
YUV(142.2050, 22.5769, -8.0728)
contains.

YUV(142.2050, 22.5769, -8.0728)	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(142.2050, 22.5769,
-8.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	858ABC
RGB	133, 138, 188
RGB Percent	52%, 54%, 74%
CMY	0.4784, 0.4588, 0.2627
CMYK	0.29, 0.27, 0.00, 0.26
HSL	235°, 29%, 63%
HSV	235°, 29%, 74%
XYZ	27.8384, 26.7943, 51.2815
YIQ	142.2050, -19.0300, 14.4900

Conversions

Conversions Part 2

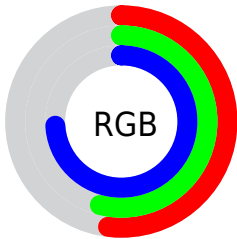
Format	Color
RYB	133, 138, 188
Decimal	8751804
CIELab	58.78, 9.71, -26.67
CIELCh	59, 28.383, 290.003
Yxy	26.7943, 0.2628, 0.2530
Android (android.graphics.Color)	4286941884 (0xFF858ABC)
YUV	142.2050, 22.5769, -8.0728
Hunter-Lab	51.7633, 5.4122, -22.5040

Details

The YUV color $142.2050, 22.5769, -8.0728$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $178.7950, -22.5769, 8.0728$, and the grayscale version is $142.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $195.8460, 23.7399, -7.7579$, and $91.5640, 21.4139, -8.3876$ is the 20% darker color. If you saturate the color by 10%, you get $126.5450, 30.2973, -11.0020$, and if you desaturate by 10%, it is $157.8650, 14.8566, -5.1436$.

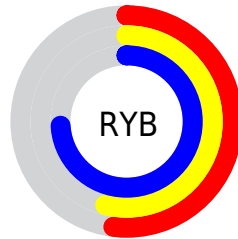
Distribution



Red (52%)

Green (54%)

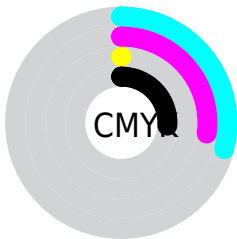
Blue (74%)



Red (52%)

Yellow (54%)

Blue (74%)

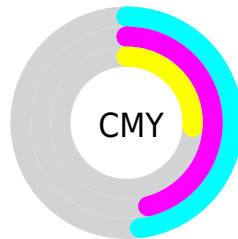


Cyan (29%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2050, 22.5769, -8.0728 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 142.2050, 22.5769, -8.0728 by changing the saturation by 10% instead.

■ 142.2050, 22.5769,
-8.0728

■ 142.2050, 22.5769,
-8.0728

■ 255.0000, 0.0000,
0.0000

■ 116.6780, 21.8507,
-8.4876

■ 195.8460, 23.7399,
-7.7579

■ 91.5640, 21.4139,
-8.3876

■ 221.9080, 16.3144,
-6.0583

■ 67.6240, 20.3984,
-9.3172

■ 247.6020, 3.6472,
-3.1590

■ 44.4990, 19.9670,
-10.9616

■ 21.6510, 19.3991,
-15.4799

■ 4.4460, 17.0351,
-3.8991

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 142.2050, 22.5769,
-8.0728

■ 142.2050, 22.5769,
-8.0728

■ 126.5450, 30.2973,
-11.0020

■ 157.8650, 14.8566,
-5.1436

■ 110.8850, 38.0177,
-13.9311

■ 173.5250, 7.1362,
-2.2144

■ 95.5240, 45.5907,
-16.2455

■ 188.8860, -0.4368,
0.1000

■ 79.8640, 53.3110,
-19.1747

■ 204.5460, -8.1572,
3.0292

■ 64.2040, 61.0314,
-22.1039

■ 220.2060,
-15.8776, 5.9583

■ 47.9570, 69.0412,
-24.5183

■ 236.4530,
-23.8873, 8.3727

■ 32.2970, 76.7616,
-27.4475

■ 247.3620,
-29.2655, 6.6985

■ 31.4110, 77.1984,
-27.5474

Harmonies

Analogous

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



135.7670, 26.7369, -35.7527



142.2050, 22.5769, -8.0728



144.8940, 14.3493, 17.6330

Triad

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



142.2050, 22.5769, -8.0728



142.5950, -19.0273, 36.3122



130.2630, 0.8563, -41.4497

Complementary

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



142.2050, 22.5769, -8.0728



178.7950, -22.5769, 8.0728

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.



134.8500, -12.7440, -19.1624



142.2050, 22.5769, -8.0728



140.6550, -23.4939, 22.2276

Square

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



142.2050, 22.5769, -8.0728



143.6740, -8.7133, 41.5049



138.2890, -21.8345, 3.2545



126.6380, 15.4615, -59.3185

Rectangle

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



142.2050, 22.5769, -8.0728



145.3210, 6.7437, 30.4135



138.2890, -21.8345, 3.2545



132.3410, -4.1121, -34.5021

Sweetspot

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



142.2050, 22.5769, -8.0728



226.6820, 9.0308, -3.2291



170.9850, 5.9234, -33.3128



111.0690, 5.3890, -1.8145



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



142.2050, 22.5769, -8.0728



173.5000, 35.2495, -12.7165



145.8480, 20.7809, 8.0263



86.6130, 3.6418, -1.4146



26.2300, 64.9626, -23.0037



5.2950, 12.6726, -4.6437

Inverse Universe

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



150.0150, -5.9234, 33.3128



185.6260, -9.1826, 52.0710



175.1520, -20.7809, -8.0263



87.8050, -0.8899, 5.4330



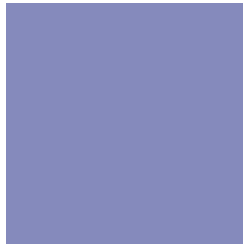
48.8380, -17.1751, 95.7351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 142.2050, 22.5769, -8.0728 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 142.2050, 22.5769, -8.0728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

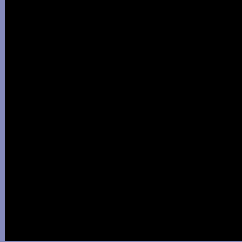
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.2050, 22.5769, -8.0728

Background



This preview shows how black text looks on a background with the YUV color 142.2050, 22.5769, -8.0728.



This preview shows how white text looks on a background with the YUV color 142.2050, 22.5769, -8.0728.

-8.0728.

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

142.2050, 22.5769, -8.0728

Protanopia

141.1120, 23.6088, -12.3762

Deuteranopia

141.5960, 22.8772, -11.0467



Tritanopia

139.9860, 7.8949, -12.2657

Trichromacy



Original Color

142.2050, 22.5769, -8.0728

Protanomaly

141.7100, 23.3140, -11.1467

Deuteranomaly

141.8950, 22.7298, -10.4319

Tritanomaly

141.0770, 13.2730, -10.5915

Monochromacy



Original Color

142.2050, 22.5769, -8.0728

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.4540, 8.1572, -3.0292

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2050, 22.5769, -8.0728 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(133, 138, 188)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 188)  
}
```

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(133, 138, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 188) }
```

Border

The CSS property to change the border of an element to YUV 142.2050, 22.5769, -8.0728 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(133, 138, 188) }
```


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

```
.border{ border-color:rgb(133, 138, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 188);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 142.2050, 22.5769, -8.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 188) }
```

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

```
.background{ background-color: rgb(133,  
138, 188) }
```

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