

Converting Colors

YUV(142.9010, 20.2618,
-12.1912)

Have a look what the booklet for
YUV(142.9010, 20.2618, -12.1912)
contains.

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Color

**YUV(142.9010, 20.2618,
-12.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	818EB8
RGB	129, 142, 184
RGB Percent	51%, 56%, 72%
CMY	0.4941, 0.4431, 0.2784
CMYK	0.30, 0.23, 0.00, 0.28
HSL	226°, 28%, 61%
HSV	226°, 30%, 72%
XYZ	27.3780, 27.4738, 49.2074
YIQ	142.9010, -21.2300, 10.3060

Conversions

Conversions Part 2

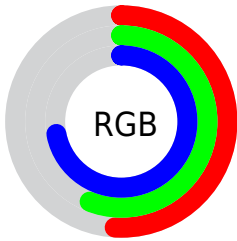
Format	Color
R_{YB}	129, 140, 184
Decimal	8490680
CIE _{Lab}	59.41, 5.17, -23.46
CIE _{LCh}	59, 24.025, 282.417
Yxy	27.4738, 0.2631, 0.2640
Android (android.graphics.Color)	4286680760 (0xFF818EB8)
YUV	142.9010, 20.2618, -12.1912
Hunter-Lab	52.4155, 1.5082, -18.9703

Details

The YUV color $142.9010, 20.2618, -12.1912$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $170.0990, -20.2618, 12.1912$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.1290, 21.1354, -12.3911$, and $92.2600, 19.0988, -12.5060$ is the 20% darker color. If you saturate the color by 10%, you get $129.3010, 26.9666, -16.0500$, and if you desaturate by 10%, it is $156.5010, 13.5570, -8.3324$.

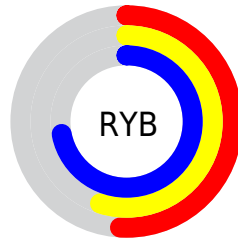
Distribution



Red (51%)

Green (56%)

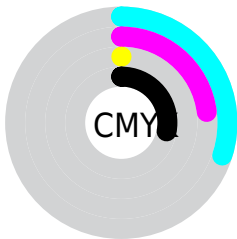
Blue (72%)



Red (51%)

Yellow (55%)

Blue (72%)

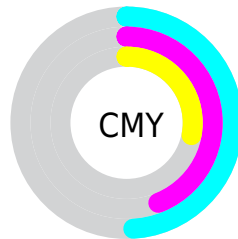


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.9010, 20.2618, -12.1912 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 142.9010, 20.2618, -12.1912 by changing the saturation by 10% instead.

■ 142.9010, 20.2618,
-12.1912

■ 142.9010, 20.2618,
-12.1912

255.0000, 0.0000,
0.0000

■ 116.7870, 19.8250,
-12.0912

■ 197.1290, 21.1354,
-12.3911

■ 92.2600, 19.0988,
-12.5060

■ 223.0600, 15.7464,
-10.5766

■ 68.4340, 18.5200,
-13.5356

■ 248.7540, 3.0793,
-7.6773

■ 44.9070, 17.7938,
-13.9504

■ 22.1730, 17.6627,
-18.5687

■ 4.1040, 15.7247,
-3.5992

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 142.9010, 20.2618,
-12.1912

■ 142.9010, 20.2618,
-12.1912

■ 129.3010, 26.9666,
-16.0500

■ 156.5010, 13.5570,
-8.3324

■ 115.4020, 33.8188,
-20.5236

■ 170.4000, 6.7048,
-3.8588

■ 101.8020, 40.5236,
-24.3824

■ 184.0000, 0.0000,
0.0000

■ 87.9030, 47.3758,
-28.8559

■ 197.8990, -6.8522,
4.4736

■ 74.3030, 54.0806,
-32.7147

■ 211.4990,
-13.5570, 8.3324

■ 60.7030, 60.7854,
-36.5735

■ 225.0990,
-20.2618, 12.1912

■ 46.8040, 67.6376,
-41.0471

■ 238.1010,
-26.6718, 14.8204

■ 46.2170, 67.9270,
-40.5323

■ 246.3190,
-30.7233, 7.6132

■ 246.9060,
-31.0127, 7.0984

Harmonies

Analogous

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



137.9260, 22.2215, -34.1381



142.9010, 20.2618, -12.1912



146.0240, 13.7922, 9.6260

Triad

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



142.9010, 20.2618, -12.1912



144.5390, -14.0697, 32.8533



135.7160, -2.8180, -29.5689

Complementary

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



142.9010, 20.2618, -12.1912



170.0990, -20.2618, 12.1912

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.



138.3780, -13.4974, -10.8555



142.9010, 20.2618, -12.1912



142.6920, -19.5682, 23.0721

Square

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



142.9010, 20.2618, -12.1912



146.1400, -5.4920, 34.9572



141.2940, -19.3719, 6.7582



133.0160, 8.8661, -43.8640

Rectangle

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



142.9010, 20.2618, -12.1912



146.9070, 7.9338, 22.0066



141.2940, -19.3719, 6.7582



136.4240, -6.6180, -24.0508

Sweetspot

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



142.9010, 20.2618, -12.1912



223.4430, 8.1626, -4.7735



165.9590, 1.9922, -32.4130



110.2430, 4.8102, -2.8441



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



142.9010, 20.2618, -12.1912



175.2450, 31.9242, -19.5089



139.4560, 21.9602, 3.1081



85.2000, 3.3524, -1.9294



39.5030, 57.4330, -34.6441



7.3010, 10.2046, -6.4030

Inverse Universe

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



146.9270, -2.4290, 32.5130



181.4070, -3.6517, 51.3861



173.5440, -21.9602, -3.1081



85.9190, -0.4531, 5.3330



50.8620, -6.8340, 92.2060



9.1700, -1.0698, 16.5139

Previews

White Background



This preview shows how the YUV color 142.9010, 20.2618, -12.1912 looks on a white background.

Color Contrast Check

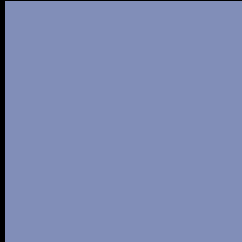
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.9010, 20.2618, -12.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

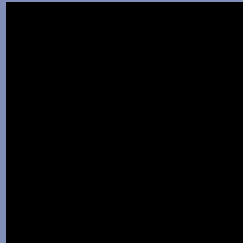
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

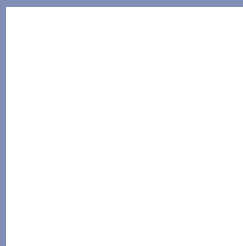
Any Text WCAG AAA × Fail

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

YUV 142.9010, 20.2618, -12.1912 Background



This preview shows how black text looks on a background with the YUV color 142.9010, 20.2618, -12.1912.



This preview shows how white text looks on a background with the YUV color 142.9010, 20.2618, -12.1912.

-12.1912.

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

142.9010, 20.2618, -12.1912

Protanopia

143.0970, 19.6722, -9.7321

Deuteranopia

143.5210, 19.9561, -7.4729



Tritanopia

141.3770, 8.1951, -15.2396

Trichromacy



Original Color

142.9010, 20.2618, -12.1912

Protanomaly

142.7980, 19.8196, -10.3468

Deuteranomaly

143.5100, 19.9616, -9.2173

Tritanomaly

141.8270, 12.4103, -13.8803

Monochromacy



Original Color

142.9010, 20.2618, -12.1912

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9010, 20.2618, -12.1912 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(129, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 184)  
}
```

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(129, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 184) }
```

Border

The CSS property to change the border of an element to YUV 142.9010, 20.2618, -12.1912 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(129, 142, 184) }
```


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

```
.border{ border-color:rgb(129, 142, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 184);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 142.9010, 20.2618, -12.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 184) }
```

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

```
.background{ background-color: rgb(129,  
142, 184) }
```

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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