

Converting Colors

YUV(130.4380, 2.2491,
-21.4321)

Have a look what the booklet for
YUV(130.4380, 2.2491, -21.4321)
contains.

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Color

**YUV(130.4380, 2.2491,
-21.4321)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8E87
RGB	106, 142, 135
RGB Percent	42%, 56%, 53%
CMY	0.5843, 0.4431, 0.4706
CMYK	0.25, 0.00, 0.05, 0.44
HSL	168°, 15%, 49%
HSV	168°, 25%, 56%
XYZ	19.9900, 24.1594, 26.5313
YIQ	130.4380, -19.2090, -9.8090

Conversions

Conversions Part 2

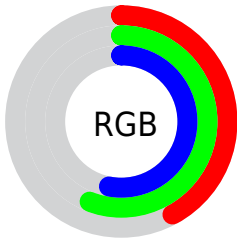
Format	Color
R_{YB}	106, 126, 142
Decimal	6983303
CIE _{Lab}	56.25, -14.06, -0.36
CIE _{LCh}	56, 14.069, 181.448
Yxy	24.1594, 0.2828, 0.3418
Android (android.graphics.Color)	4285173383 (0xFF6A8E87)
YUV	130.4380, 2.2491, -21.4321
Hunter-Lab	49.1523, -13.4212, 2.4031

Details

The YUV color $[130.4380, 2.2491, -21.4321]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[117.5620, -2.2491, 21.4321]$, and the grayscale version is $[130.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[183.7260, 2.1071, -22.5617]$, and $[80.7370, 2.1017, -20.8173]$ is the 20% darker color. If you saturate the color by 10%, you get $[125.9100, 3.0024, -29.7391]$, and if you desaturate by 10%, it is $[134.9660, 1.4958, -13.1252]$.

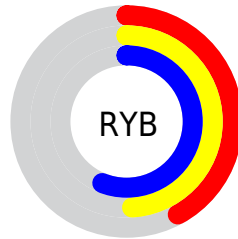
Distribution



Red (42%)

Green (56%)

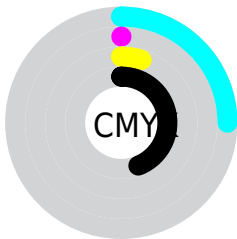
Blue (53%)



Red (42%)

Yellow (49%)

Blue (56%)

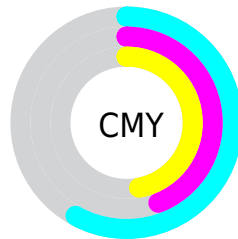


Cyan (25%)

Magenta (0%)

Yellow (5%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.4380, 2.2491, -21.4321 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 130.4380, 2.2491, -21.4321 by changing the saturation by 10% instead.

■ 130.4380, 2.2491,
-21.4321

■ 130.4380, 2.2491,
-21.4321

■ 255.0000, 0.0000,
0.0000

■ 104.8510, 2.5385,
-20.9173

■ 183.7260, 2.1071,
-22.5617

■ 80.7370, 2.1017,
-20.8173

■ 211.4270, 2.2545,
-23.1765

■ 57.1500, 2.3911,
-20.3025

■ 239.4270, 2.2545,
-23.1765

■ 34.5520, 2.6859,
-21.5321

■ 251.1130, 1.9163,
-7.9921

■ 17.5420, 1.2118,
-15.3843

■ 0.0000, 0.0000,
0.0000

■ 130.4380, 2.2491,
-21.4321

■ 130.4380, 2.2491,
-21.4321

■ 125.9100, 3.0024,
-29.7391

■ 134.9660, 1.4958,
-13.1252

■ 121.3820, 3.7557,
-38.0460

■ 139.4940, 0.7425,
-4.8182

■ 116.6690, 5.0932,
-47.0677

■ 144.2070, -0.5951,
4.2035

■ 112.1410, 5.8465,
-55.3747

■ 148.7350, -1.3484,
12.5104

■ 107.6130, 6.5998,
-63.6816

■ 153.2630, -2.1017,
20.8173

■ 103.0850, 7.3531,
-71.9885

■ 157.7910, -2.8550,
29.1243

■ 98.6710, 8.5432,
-80.3955

■ 162.2050, -4.0451,
37.5312

■ 96.3500, 8.7015,

■ 167.0320, -4.9458,

-84.4989

46.4529

■ 171.5600, -5.6991,
54.7599

Harmonies

Analogous

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



131.7720, -4.3246, -12.9550



130.4380, 2.2491, -21.4321



130.3220, 8.2223, -23.9614

Triad

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



130.4380, 2.2491, -21.4321



136.5300, 9.5987, 1.2892



135.6510, -10.6739, 16.9691

Complementary

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



130.4380, 2.2491, -21.4321



117.5620, -2.2491, 21.4321

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.



136.4110, -6.6116, 20.6876



130.4380, 2.2491, -21.4321



137.0430, 4.9088, 12.2403

Square

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



130.4380, 2.2491, -21.4321



134.4360, 12.1101, -10.9064



136.8930, -0.9332, 19.3878



134.3680, -11.5204, 8.4473

Rectangle

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



130.4380, 2.2491, -21.4321



131.1310, 11.2744, -22.9169



136.8930, -0.9332, 19.3878



135.8900, -9.8058, 18.5135

Sweetspot

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



130.4380, 2.2491, -21.4321



179.1730, 0.9007, -8.9217



129.2250, -11.4499, -14.2293



89.0810, 0.4531, -5.3330



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



130.4380, 2.2491, -21.4321



166.3010, 3.3026, -32.7130



124.7790, 8.4900, -16.4692



68.7930, 0.5951, -4.2035



91.6710, 8.5432, -80.3955



5.3800, 0.3057, -4.7183

Inverse Universe

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



117.5620, -2.2491, 21.4321



146.5850, -3.7394, 32.8130



123.2210, -8.4900, 16.4692



66.3210, -0.1583, 4.1035



43.3290, -8.5432, 80.3955



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 130.4380, 2.2491, -21.4321 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 130.4380, 2.2491, -21.4321 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 130.4380, 2.2491, -21.4321

Background



This preview shows how black text looks on a background with the YUV color 130.4380, 2.2491, -21.4321.



This preview shows how white text looks on a background with the YUV color 130.4380, 2.2491, -21.4321.

-21.4321.

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

130.4380, 2.2491, -21.4321

Protanopia

134.7400, -2.3368, 2.8590

Deuteranopia

135.5820, 0.6991, 9.1366



Tritanopia

131.9850, 9.3744, -20.1578

Trichromacy



Original Color

130.4380, 2.2491, -21.4321

Protanomaly

133.1410, -0.5625, -6.2627

Deuteranomaly

133.3310, 1.3158, -2.0443

Tritanomaly

131.5890, 6.6116, -20.6876

Monochromacy



Original Color

130.4380, 2.2491, -21.4321

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8850, 1.0427, -7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4380, 2.2491, -21.4321 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(106, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(106, 142, 135)  
}
```

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(106, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 142, 135) }
```

Border

The CSS property to change the border of an element to YUV 130.4380, 2.2491, -21.4321 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(106, 142, 135) }
```


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

```
.border{ border-color:rgb(106, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(106, 142,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 130.4380, 2.2491, -21.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 142, 135) }
```

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

```
.background{ background-color: rgb(106,  
142, 135) }
```

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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