

Converting Colors

YUV(150.9530, 21.2222,
-40.3008)

Have a look what the booklet for
YUV(150.9530, 21.2222, -40.3008)
contains.

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Color

**YUV(150.9530, 21.2222,
-40.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	69A6C2
RGB	105, 166, 194
RGB Percent	41%, 65%, 76%
CMY	0.5882, 0.3490, 0.2392
CMYK	0.46, 0.14, 0.00, 0.24
HSL	199°, 42%, 59%
HSV	199°, 46%, 76%
XYZ	29.1995, 34.1707, 56.0956
YIQ	150.9530, -45.3440, -4.2240

Conversions

Conversions Part 2

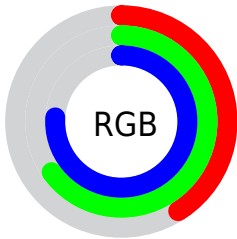
Format	Color
R _Y B	105, 141, 194
Decimal	6923970
CIE Lab	65.10, -12.18, -20.51
CIE LCh	65, 23.853, 239.288
Yxy	34.1707, 0.2444, 0.2860
Android (android.graphics.Color)	4285114050 (0xFF69A6C2)
YUV	150.9530, 21.2222, -40.3008
Hunter-Lab	58.4557, -13.1341, -15.9771

Details

The YUV color **150.9530, 21.2222, -40.3008** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **148.0470, -21.2222, 40.3008**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1810, 22.0958, -40.5007**, and **97.5290, 20.9382, -42.5599** is the 20% darker color. If you saturate the color by 10%, you get **141.7500, 25.7592, -48.8927**, and if you desaturate by 10%, it is **160.1560, 16.6851, -31.7088**.

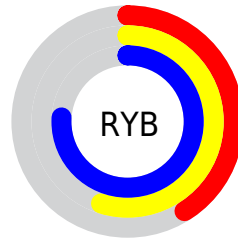
Distribution



Red (41%)

Green (65%)

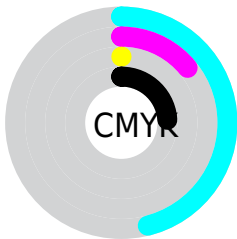
Blue (76%)



Red (41%)

Yellow (55%)

Blue (76%)

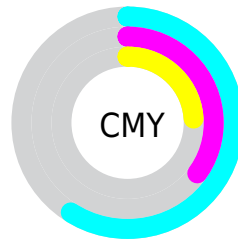


Cyan (46%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (59%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9530, 21.2222, -40.3008 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 150.9530, 21.2222, -40.3008 by changing the saturation by 10% instead.

■ 150.9530, 21.2222,
-40.3008

■ 150.9530, 21.2222,
-40.3008

■ 255.0000, 0.0000,
0.0000

■ 124.2410, 21.0802,
-41.4304

■ 206.1810, 22.0958,
-40.5007

■ 97.5290, 20.9382,
-42.5599

■ 232.3310, 11.1758,
-38.0013

■ 69.5280, 22.4177,
-50.4521

■ 243.9370, 5.4541,
-22.7467

■ 49.0020, 20.2120,
-42.9748

■ 252.6080, 1.1793,
-4.9182

■ 33.4660, 16.5323,
-29.3497

■ 19.1040, 12.2737,
-16.7542

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 150.9530, 21.2222,
-40.3008

■ 150.9530, 21.2222,
-40.3008

■ 141.7500, 25.7592,
-48.8927

■ 160.1560, 16.6851,
-31.7088

■ 132.2480, 30.4437,
-58.0995

■ 169.6580, 12.0006,
-22.5021

■ 123.0450, 34.9808,
-66.6915

■ 178.8610, 7.4635,
-13.9101

■ 113.5430, 39.6653,
-75.8982

■ 188.3630, 2.7790,
-4.7034

■ 103.7530, 44.4918,
-83.9754

■ 198.1530, -2.0474,
3.3738

■ 100.1870, 46.2498,
-87.8640

■ 207.3560, -6.5845,
11.9658

■ 216.8580,
-11.2690, 21.1725

■ 224.5660,
-15.0690, 26.6906

■ 228.0880,
-16.8054, 23.6018

Harmonies

Analogous

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



147.9000, 14.8393, -46.3933



150.9530, 21.2222, -40.3008



155.8890, 21.7467, -21.8277

Triad

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



150.9530, 21.2222, -40.3008



161.5680, -1.2660, 32.8279



154.5100, -17.0134, -3.0783

Complementary

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



150.9530, 21.2222, -40.3008



148.0470, -21.2222, 40.3008

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.



156.7080, -20.5620, 15.1651



150.9530, 21.2222, -40.3008



160.3590, -11.0230, 35.6422

Square

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



150.9530, 21.2222, -40.3008



161.5370, 9.1023, 20.5771



158.7790, -18.1320, 29.1348



152.0930, -7.9338, -22.0066

Rectangle

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



150.9530, 21.2222, -40.3008



158.7060, 19.3719, -6.7582



158.7790, -18.1320, 29.1348



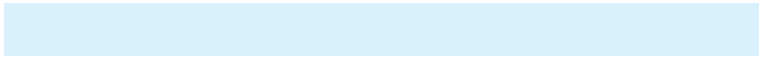
155.3860, -18.9243, 3.1695

Sweetspot

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



150.9530, 21.2222, -40.3008



235.0780, 8.3425, -15.8544



160.3210, -13.9623, -48.5165



117.3130, 5.2687, -9.9215



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.



150.9530, 21.2222, -40.3008



185.4970, 32.7860, -62.7029



125.7120, 33.6660, -18.1644



92.2490, 2.3422, -4.6034



82.9240, 38.4915, -72.7243



17.2630, 7.7583, -15.1397

Inverse Universe

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



138.5650, 13.5255, 48.6165



166.0920, 21.1536, 75.3413



173.2880, -33.6660, 18.1644



90.7880, 1.5835, 5.4479



60.6790, 24.3153, 87.9815



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 150.9530, 21.2222, -40.3008 looks on a white background.

Color Contrast Check

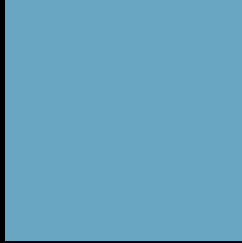
Large Text (above 18pt) WCAG AA × Fail

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 150.9530, 21.2222, -40.3008 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

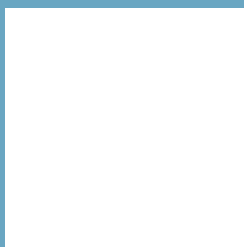
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.9530, 21.2222, -40.3008

Background



This preview shows how black text looks on a background with the YUV color 150.9530, 21.2222, -40.3008.



This preview shows how white text looks on a background with the YUV color 150.9530, 21.2222, -40.3008.

-40.3008.

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

150.9530, 21.2222, -40.3008

Protanopia

158.0390, 14.2778, -6.1732

Deuteranopia

158.3040, 19.0771, -5.5286



Tritanopia

149.5630, 15.9914, -42.5898

Trichromacy



Original Color

150.9530, 21.2222, -40.3008

Protanomaly

155.6460, 16.9365, -18.9835

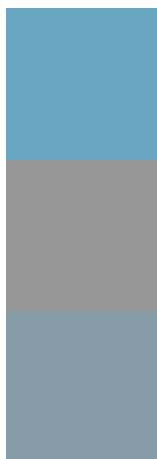
Deuteranomaly

155.4550, 19.9887, -17.9390

Tritanomaly

149.7310, 17.8806, -41.8601

Monochromacy



Original Color

150.9530, 21.2222, -40.3008

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.6760, 8.0477, -14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9530, 21.2222, -40.3008 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(105, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(105, 166, 194)  
}
```

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(105, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 166, 194) }
```

Border

The CSS property to change the border of an element to YUV 150.9530, 21.2222, -40.3008 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(105, 166, 194) }
```


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

```
.border{ border-color:rgb(105, 166, 194) }
```

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

Here you see how a box with a 4 pixel rgb(105, 166, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(105, 166,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 150.9530, 21.2222, -40.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 166, 194) }
```

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

```
.background{ background-color: rgb(105,  
166, 194) }
```

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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