

Converting Colors

YUV(132.6630, 27.7741,
-41.8005)

Have a look what the booklet for
YUV(132.6630, 27.7741, -41.8005)
contains.

YUV(132.6630, 27.7741, -41.8005)	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(132.6630, 27.7741,
-41.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	5592BD
RGB	85, 146, 189
RGB Percent	33%, 57%, 74%
CMY	0.6667, 0.4275, 0.2588
CMYK	0.55, 0.23, 0.00, 0.26
HSL	205°, 44%, 54%
HSV	205°, 55%, 74%
XYZ	23.2105, 26.1632, 51.9708
YIQ	132.6630, -50.1590, 0.4410

Conversions

Conversions Part 2

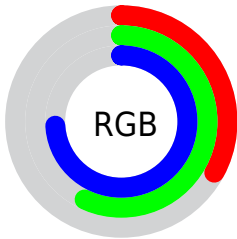
Format	Color
R_{YB}	85, 123, 189
Decimal	5608125
CIE _{Lab}	58.19, -7.27, -28.38
CIE _{LCh}	58, 29.300, 255.642
Yxy	26.1632, 0.2290, 0.2582
Android (android.graphics.Color)	4283798205 (0xFF5592BD)
YUV	132.6630, 27.7741, -41.8005
Hunter-Lab	51.1500, -8.5138, -24.4365

Details

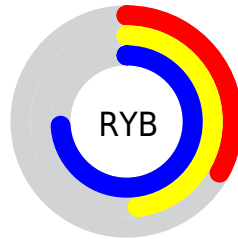
The YUV color **132.6630, 27.7741, -41.8005** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **141.3370, -27.7741, 41.8005**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4890, 28.3529, -40.7709**, and **77.1240, 28.5329, -51.8517** is the 20% darker color. If you saturate the color by 10%, you get **122.2860, 32.8900, -49.3628**, and if you desaturate by 10%, it is **143.0400, 22.6583, -34.2381**.

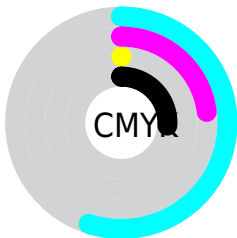
Distribution



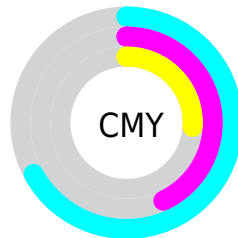
- Red (33%)
- Green (57%)
- Blue (74%)



- Red (33%)
- Yellow (48%)
- Blue (74%)



- Cyan (55%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.6630, 27.7741, -41.8005 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 132.6630, 27.7741, -41.8005 by changing the saturation by 10% instead.

■ 132.6630, 27.7741,
-41.8005

■ 132.6630, 27.7741,
-41.8005

255.0000, 0.0000,
0.0000

■ 105.6520, 27.7796,
-43.5448

■ 187.4890, 28.3529,
-40.7709

■ 77.1240, 28.5329,
-51.8517

■ 213.7360, 20.3432,
-38.3565

■ 54.8040, 27.2116,
-48.0631

■ 237.9570, 8.4022,
-35.0423

■ 39.0400, 22.6583,
-34.2381

■ 246.9270, 3.9800,
-16.5990

■ 24.0910, 18.6891,
-21.1278

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 132.6630, 27.7741,
-41.8005

■ 132.6630, 27.7741,
-41.8005

■ 122.2860, 32.8900,
-49.3628

■ 143.0400, 22.6583,
-34.2381

■ 111.9090, 38.0059,
-56.9252

■ 153.4170, 17.5424,
-26.6757

■ 102.1190, 42.8323,
-65.0024

■ 163.2070, 12.7159,
-18.5985

■ 91.7420, 47.9482,
-72.5647

■ 173.5840, 7.6001,
-11.0362

■ 86.7030, 50.4324,
-76.0385

■ 183.6620, 2.6316,
-4.0886

■ 194.0390, -2.4842,
3.4738

■ 204.4160, -7.6001,
11.0362

■ 214.7930,
-12.7159, 18.5985

■ 224.5830,
-17.5424, 26.6757

Harmonies

Analogous

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



124.8360, 25.2239, -63.8772



132.6630, 27.7741, -41.8005



139.9270, 24.1930, -13.0910

Triad

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



132.6630, 27.7741, -41.8005



142.6140, -7.6977, 42.4345



133.5900, -15.0809, -16.3034

Complementary

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



132.6630, 27.7741, -41.8005



141.3370, -27.7741, 41.8005

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.



137.2570, -23.2977, 5.9136



132.6630, 27.7741, -41.8005



141.1330, -18.3066, 38.4714

Square

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



132.6630, 27.7741, -41.8005



143.4740, 4.6963, 33.7873



139.1500, -24.2309, 25.3015



129.2910, -1.6225, -39.7202

Rectangle

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



132.6630, 27.7741, -41.8005



142.7830, 19.3340, 5.4523



139.1500, -24.2309, 25.3015



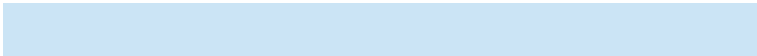
134.7220, -18.5969, -8.5262

Sweetspot

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



132.6630, 27.7741, -41.8005



222.4630, 11.1107, -17.0691



150.8360, -11.7511, -57.7382



108.9540, 6.4317, -9.6067



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.



132.6630, 27.7741, -41.8005



157.2330, 43.2691, -65.1023



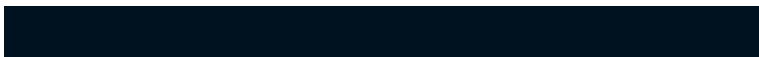
102.7260, 42.5331, -15.5457



88.9610, 2.4842, -3.4738



72.6030, 42.1007, -63.6728



14.1000, 8.3317, -12.3657

Inverse Universe

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



123.0500, 11.3144, 57.8382



142.2680, 17.6159, 90.0960



171.2740, -42.5331, 15.5457



88.2610, 0.8573, 5.0331



57.8440, 17.3319, 87.8368



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 132.6630, 27.7741, -41.8005 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 132.6630, 27.7741, -41.8005 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 132.6630, 27.7741, -41.8005

Background



This preview shows how black text looks on a background with the YUV color 132.6630, 27.7741, -41.8005.



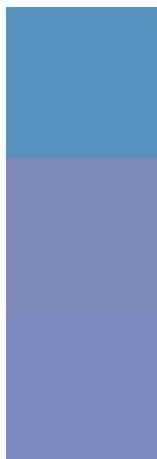
This preview shows how white text looks on a background with the YUV color 132.6630, 27.7741, -41.8005.

-41.8005.

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

132.6630, 27.7741, -41.8005

Protanopia

139.8410, 21.2774, -11.2616

Deuteranopia

138.9700, 25.6508, -14.0057



Tritanopia

129.6440, 16.4445, -47.9228

Trichromacy



Original Color

132.6630, 27.7741, -41.8005

Protanomaly

137.3450, 23.4939, -22.2276

Deuteranomaly

136.4310, 26.4095, -24.0570

Tritanomaly

130.6920, 20.3648, -45.3339

Monochromacy



Original Color

132.6630, 27.7741, -41.8005

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.6630, 27.7741, -41.8005 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(85, 146, 189)` looks like.

```
.text, #text, p{  
    color:rgb(85, 146, 189)  
}
```

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(85, 146, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 146, 189) }
```

Border

The CSS property to change the border of an element to YUV 132.6630, 27.7741, -41.8005 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(85, 146, 189) }
```


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

```
.border{ border-color:rgb(85, 146, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 146, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 146, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 146, 189);  
box-shadow:4px 4px 4px 4px rgb(85, 146,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 132.6630, 27.7741, -41.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 146, 189) }
```

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

```
.background{ background-color: rgb(85, 146,  
189) }
```

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