

Converting Colors

YUV(142.0160, 32.5301,
-27.2010)

Have a look what the booklet for
YUV(142.0160, 32.5301, -27.2010)
contains.

YUV(142.0160, 32.5301, -27.2010)	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(142.0160, 32.5301,
-27.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	6F91D0
RGB	111, 145, 208
RGB Percent	44%, 57%, 82%
CMY	0.5647, 0.4314, 0.1843
CMYK	0.47, 0.30, 0.00, 0.18
HSL	219°, 51%, 63%
HSV	219°, 47%, 82%
XYZ	28.0661, 28.1844, 63.6354
YIQ	142.0160, -40.4870, 12.3850

Conversions

Conversions Part 2

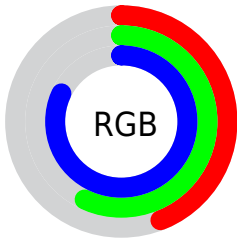
Format	Color
RYB	111, 136, 208
Decimal	7311824
CIELab	60.05, 5.13, -36.09
CIELCh	60, 36.449, 278.093
Yxy	28.1844, 0.2341, 0.2351
Android (android.graphics.Color)	4285501904 (0xFF6F91D0)
YUV	142.0160, 32.5301, -27.2010
Hunter-Lab	53.0890, 1.4605, -33.9060

Details

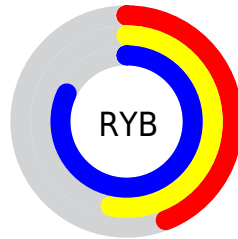
The YUV color **142.0160, 32.5301, -27.2010** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176.9840, -32.5301, 27.2010**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8160, 29.1777, -25.2716**, and **89.6520, 31.2306, -30.3898** is the 20% darker color. If you saturate the color by 10%, you get **127.5190, 39.6771, -32.9042**, and if you desaturate by 10%, it is **156.5130, 25.3831, -21.4979**.

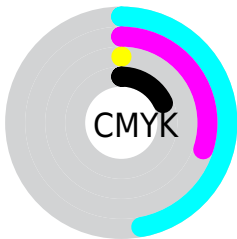
Distribution



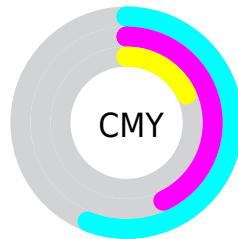
- Red (44%)
- Green (57%)
- Blue (82%)



- Red (44%)
- Yellow (53%)
- Blue (82%)



- Cyan (47%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (56%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0160, 32.5301, -27.2010 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 142.0160, 32.5301, -27.2010 by changing the saturation by 10% instead.

■ 142.0160, 32.5301,
-27.2010

■ 142.0160, 32.5301,
-27.2010

255.0000, 0.0000,
0.0000

■ 115.1900, 31.9513,
-28.2306

■ 195.8160, 29.1777,
-25.2716

■ 89.6520, 31.2306,
-30.3898

■ 220.6240, 16.9474,
-22.4722

■ 62.4340, 31.8310,
-36.3376

■ 245.7310, 4.5696,
-19.0581

■ 40.3910, 30.3732,
-35.4229

254.7010, 0.1474,
-0.6148

■ 25.8010, 25.2411,
-22.6275

■ 6.7430, 23.2977,
-5.9136

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 142.0160, 32.5301,
-27.2010

■ 142.0160, 32.5301,
-27.2010

■ 127.5190, 39.6771,
-32.9042

■ 156.5130, 25.3831,
-21.4979

■ 113.6090, 46.5348,
-39.1221

■ 170.4230, 18.5255,
-15.2800

■ 99.4110, 53.5344,
-44.2104

■ 184.6210, 11.5258,
-10.1916

■ 85.5010, 60.3920,
-50.4284

■ 198.5310, 4.6682,
-3.9737

■ 71.0040, 67.5390,
-56.1315

■ 213.0280, -2.4788,
1.7294

■ 66.5630, 69.7284,
-58.3758

■ 226.9380, -9.3364,
7.9474

■ 240.8370,
-16.1886, 12.4210

■ 248.4680,
-19.9507, 5.7286

■ 249.6420,
-20.5295, 4.6990

Harmonies

Analogous

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



127.6960, 37.6179, -72.5244



142.0160, 32.5301, -27.2010



147.8420, 23.2489, 9.7856

Triad

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



142.0160, 32.5301, -27.2010



145.6830, -19.0707, 50.2670



131.8190, -5.8268, -44.5683

Complementary

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



142.0160, 32.5301, -27.2010



176.9840, -32.5301, 27.2010

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.



137.4780, -21.9277, -13.5742



142.0160, 32.5301, -27.2010



144.2500, -29.2102, 35.7377

Square

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



142.0160, 32.5301, -27.2010



147.0650, -4.9620, 51.6860



141.7650, -30.4501, 13.3611



118.5160, 17.0006, -86.3985

Rectangle

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



142.0160, 32.5301, -27.2010



149.0850, 14.7481, 29.7435



141.7650, -30.4501, 13.3611



133.9900, -11.8271, -33.3172

Sweetspot

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



142.0160, 32.5301, -27.2010



230.7350, 11.9626, -10.2916



174.8930, -1.4262, -56.0342



112.6170, 7.5838, -5.8031



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.



142.0160, 32.5301, -27.2010



157.6520, 47.9926, -40.0368



125.9450, 40.4531, -1.7058



97.6020, 3.6472, -3.1590



53.7850, 56.3080, -47.1694



12.8920, 13.8572, -11.3063

Inverse Universe

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



143.8790, 0.5527, 56.2341



160.4570, 0.7607, 82.9142



193.0550, -40.4531, 1.7058



97.7450, 0.1257, 6.3626



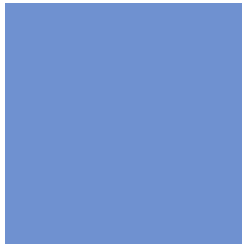
56.9580, 1.0067, 97.3838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 142.0160, 32.5301, -27.2010 looks on a white background.

Color Contrast Check

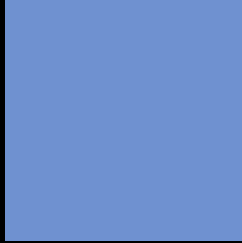
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0160, 32.5301, -27.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

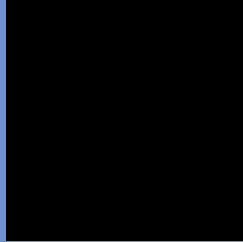
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

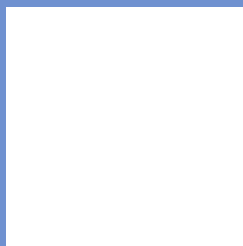
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.0160, 32.5301, -27.2010

Background



This preview shows how black text looks on a background with the YUV color 142.0160, 32.5301, -27.2010.

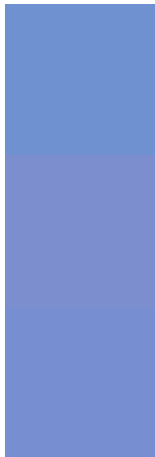


This preview shows how white text looks on a background with the YUV color 142.0160, 32.5301, -27.2010.

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

142.0160, 32.5301, -27.2010

Protanopia

143.9140, 30.6084, -17.4646

Deuteranopia

143.2340, 31.9296, -21.2532



Tritanopia

138.0370, 13.7858, -35.1124

Trichromacy



Original Color

142.0160, 32.5301, -27.2010

Protanomaly

143.1200, 31.4928, -21.1532

Deuteranomaly

142.9240, 32.0825, -23.6123

Tritanomaly

139.4810, 20.4689, -31.9938

Monochromacy



Original Color

142.0160, 32.5301, -27.2010

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0160, 32.5301, -27.2010 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(111, 145, 208)` looks like.

```
.text, #text, p{  
    color:rgb(111, 145, 208)  
}
```

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(111, 145, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 145, 208) }
```

Border

The CSS property to change the border of an element to YUV 142.0160, 32.5301, -27.2010 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(111, 145, 208) }
```


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

```
.border{ border-color:rgb(111, 145, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 145, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 145, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 145, 208);  
box-shadow:4px 4px 4px 4px rgb(111, 145,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 142.0160, 32.5301, -27.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 145, 208) }
```

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

```
.background{ background-color: rgb(111,  
145, 208) }
```

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