

Converting Colors

YUV(142.2020, 27.0154,
-31.7492)

Have a look what the booklet for
YUV(142.2020, 27.0154, -31.7492)
contains.

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Color

**YUV(142.2020, 27.0154,
-31.7492)**

Conversions

Conversions Part 1

Format	Color
Hex	6A96C5
RGB	106, 150, 197
RGB Percent	42%, 59%, 77%
CMY	0.5843, 0.4118, 0.2275
CMYK	0.46, 0.24, 0.00, 0.23
HSL	211°, 44%, 59%
HSV	211°, 46%, 77%
XYZ	26.9282, 28.9081, 56.9839
YIQ	142.2020, -41.3110, 5.2890

Conversions

Conversions Part 2

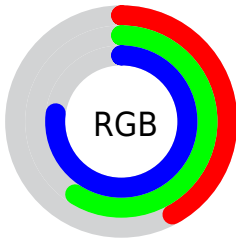
Format	Color
R_{YB}	106, 136, 197
Decimal	6985413
CIE _{Lab}	60.70, -2.21, -28.93
CIE _{LCh}	61, 29.016, 265.626
Yxy	28.9081, 0.2387, 0.2562
Android (android.graphics.Color)	4285175493 (0xFF6A96C5)
YUV	142.2020, 27.0154, -31.7492
Hunter-Lab	53.7662, -4.6911, -25.2018

Details

The YUV color **142.2020, 27.0154, -31.7492** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **160.7980, -27.0154, 31.7492**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8430, 28.1784, -31.4343**, and **89.6640, 26.2946, -33.9083** is the 20% darker color. If you saturate the color by 10%, you get **130.3520, 32.8575, -38.8967**, and if you desaturate by 10%, it is **154.0520, 21.1734, -24.6016**.

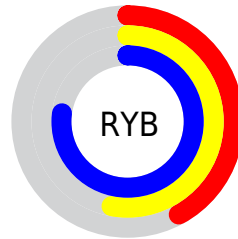
Distribution



Red (42%)

Green (59%)

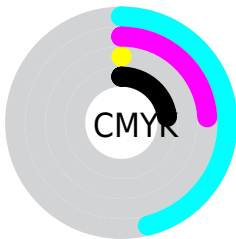
Blue (77%)



Red (42%)

Yellow (53%)

Blue (77%)

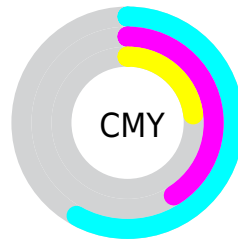


Cyan (46%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (58%)

Magenta (41%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2020, 27.0154, -31.7492 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 142.2020, 27.0154, -31.7492 by changing the saturation by 10% instead.

■ 142.2020, 27.0154,
-31.7492

■ 142.2020, 27.0154,
-31.7492

255.0000, 0.0000,
0.0000

■ 115.7890, 26.7260,
-32.2640

■ 196.8430, 28.1784,
-31.4343

■ 89.6640, 26.2946,
-33.9083

■ 221.7650, 16.3849,
-28.7349

■ 62.7340, 26.7531,
-40.9857

■ 243.9370, 5.4541,
-22.7467

■ 41.5990, 24.8477,
-36.4823

■ 252.9070, 1.0318,
-4.3034

■ 26.6500, 20.8786,
-23.3720

■ 9.9400, 17.7776,
-8.7174

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 142.2020, 27.0154,
-31.7492

■ 142.2020, 27.0154,
-31.7492

■ 130.3520, 32.8575,
-38.8967

■ 154.0520, 21.1734,
-24.6016

■ 118.8010, 38.5521,
-45.4295

■ 165.6030, 15.4787,
-18.0688

■ 106.3640, 44.6835,
-52.0622

■ 178.0400, 9.3473,
-11.4361

■ 94.5140, 50.5256,
-59.2098

■ 189.8900, 3.5052,
-4.2885

■ 82.9630, 56.2202,
-65.7426

■ 201.7400, -2.3368,
2.8590

■ 78.2230, 58.5571,
-68.6016

■ 213.2910, -8.0315,
9.3918

■ 225.1410,
-13.8735, 16.5393

■ 234.3000,
-18.3889, 18.1539

■ 240.7570,
-21.5722, 12.4911

Harmonies

Analogous

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



134.5210, 26.3651, -56.5849



142.2020, 27.0154, -31.7492



148.0100, 21.6871, -2.6398

Triad

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



142.2020, 27.0154, -31.7492



148.4030, -11.0447, 42.6196



138.9850, -10.8386, -23.6658

Complementary

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



142.2020, 27.0154, -31.7492



160.7980, -27.0154, 31.7492

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.



142.7830, -21.0920, -1.5637



142.2020, 27.0154, -31.7492



147.1280, -20.7691, 34.9677

Square

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



142.2020, 27.0154, -31.7492



149.4700, 0.7543, 38.1758



145.5900, -24.9409, 19.6536



134.3270, 3.7828, -46.7678

Rectangle

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



142.2020, 27.0154, -31.7492



149.6270, 15.9599, 14.3591



145.5900, -24.9409, 19.6536



140.5900, -15.0809, -16.3034

Sweetspot

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



142.2020, 27.0154, -31.7492



233.6700, 10.5157, -12.8656



164.6610, -6.2419, -51.4457



114.3780, 6.7156, -7.3475



0.0000, 0.0000, 0.0000



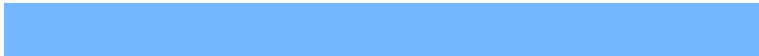
128.0000, 0.0000, 0.0000

Same Dimension

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



142.2020, 27.0154, -31.7492



170.8760, 41.4731, -49.0033



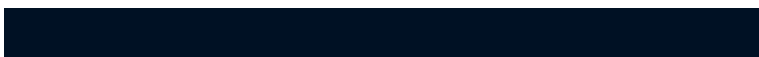
116.3740, 39.7486, -9.0980



93.3740, 2.7736, -2.9590



64.9550, 48.3362, -56.9655



14.0830, 10.8051, -12.3508

Inverse Universe

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



138.2250, 5.8051, 51.5457



164.6120, 9.0653, 79.2703



186.6260, -39.7486, 9.0980



93.1470, 0.4205, 5.1331



57.7430, 10.4797, 92.3104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 142.2020, 27.0154, -31.7492 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 142.2020, 27.0154, -31.7492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

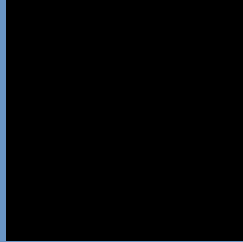
Any Text WCAG AA ✓ Pass

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 142.2020, 27.0154, -31.7492 Background



This preview shows how black text looks on a background with the YUV color 142.2020, 27.0154, -31.7492.

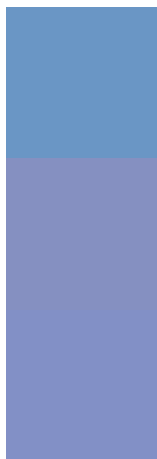


This preview shows how white text looks on a background with the YUV color 142.2020, 27.0154,

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

142.2020, 27.0154, -31.7492

Protanopia

146.2970, 23.0246, -11.6615

Deuteranopia

145.9700, 25.6508, -14.0057



Tritanopia

139.1400, 14.2280, -36.9568

Trichromacy



Original Color

142.2020, 27.0154, -31.7492

Protanomaly

144.5950, 24.3567, -18.9388

Deuteranomaly

144.4530, 26.3987, -20.5683

Tritanomaly

140.1170, 19.1693, -35.1826

Monochromacy



Original Color

142.2020, 27.0154, -31.7492

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1540, 9.7841, -11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2020, 27.0154, -31.7492 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, 150, 197)` looks like.

```
.text, #text, p{  
    color:rgb(106, 150, 197)  
}
```

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, 150, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 150, 197) }
```

Border

The CSS property to change the border of an element to YUV 142.2020, 27.0154, -31.7492 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, 150, 197) }
```


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

```
.border{ border-color:rgb(106, 150, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 150, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 150, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 150, 197); box-shadow:4px 4px 4px 4px rgb(106, 150, 197) }
```

Background

The CSS property to change the background color of an element to YUV 142.2020, 27.0154, -31.7492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 150, 197) }
```

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

```
.background{ background-color: rgb(106,  
150, 197) }
```

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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