

Converting Colors

YUV(164.5200, -72.7274,
-6.5950)

Have a look what the booklet for
YUV(164.5200, -72.7274, -6.5950)
contains.

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Color

**YUV(164.5200, -72.7274,
-6.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC511
RGB	157, 197, 17
RGB Percent	62%, 77%, 7%
CMY	0.3843, 0.2275, 0.9333
CMYK	0.20, 0.00, 0.91, 0.23
HSL	73°, 84%, 42%
HSV	73°, 91%, 77%
XYZ	33.9721, 47.1411, 7.8389
YIQ	164.5200, 33.9400, -64.4600

Conversions

Conversions Part 2

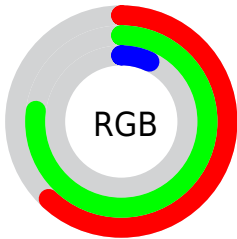
Format	Color
RYB	17, 197, 57
Decimal	10339601
CIELab	74.28, -34.30, 72.45
CIELCh	74, 80.162, 115.332
Yxy	47.1411, 0.3819, 0.5300
Android (android.graphics.Color)	4288529681 (0xFF9DC511)
YUV	164.5200, -72.7274, -6.5950
Hunter-Lab	68.6594, -31.8336, 41.2923

Details

The YUV color **164.5200, -72.7274, -6.5950** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **49.4800, 72.7274, 6.5950**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3010, -67.1964, -7.2800**, and **113.8410, -56.1236, -12.1386** is the 20% darker color. If you saturate the color by 10%, you get **161.3860, -79.5633, -7.3545**, and if you desaturate by 10%, it is **167.9960, -64.5810, -6.1355**.

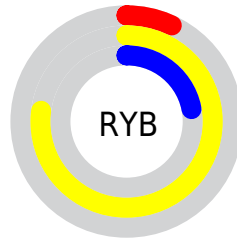
Distribution



Red (62%)

Green (77%)

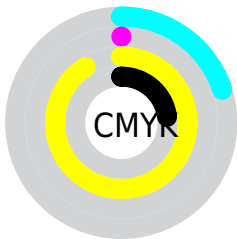
Blue (7%)



Red (7%)

Yellow (77%)

Blue (22%)

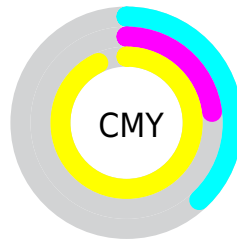


Cyan (20%)

Magenta (0%)

Yellow (91%)

Black (23%)



Cyan (38%)

Magenta (23%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5200, -72.7274, -6.5950 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 164.5200, -72.7274, -6.5950 by changing the saturation by 10% instead.

■ 164.5200,
-72.7274, -6.5950

■ 164.5200,
-72.7274, -6.5950

■ 255.0000, 0.0000,
0.0000

■ 138.0620,
-68.0646, -8.8244

■ 223.3010,
-67.1964, -7.2800

■ 113.8410,
-56.1236, -12.1386

■ 236.1640,
-59.2409, 7.7492

■ 90.2070, -44.4721,
-15.9675

■ 242.3460,
-48.4846, 11.0976

■ 66.8610, -32.9625,
-20.9261

■ 245.6520,
-35.8174, 8.1982

■ 42.0090, -20.7104,
-30.7029

■ 248.9580,
-23.1503, 5.2988

■ 27.0020, -13.3120,
-23.6808

■ 252.2640,

■ 14.0880, -6.9454,

-10.4832, 2.3995

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 164.5200,
-72.7274, -6.5950

■ 164.5200,
-72.7274, -6.5950

■ 161.3860,
-79.5633, -7.3545

■ 167.9960,
-64.5810, -6.1355

■ 171.6570,
-57.0189, -4.9612

■ 175.1330,
-48.8726, -4.5016

■ 178.9080,
-40.8736, -3.4273

■ 182.3840,
-32.7273, -2.9678

■ 185.7460,
-25.0178, -2.4082

■ 189.5210,
-17.0189, -1.3339

■ 192.9970, -8.8725,
-0.8744

■ 196.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



170.8970, -84.2522, 50.0793



164.5200, -72.7274, -6.5950



144.3370, -25.3091, -95.8885

Triad

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



164.5200, -72.7274, -6.5950



152.3400, 50.6114, -133.6022



161.5120, 17.4956, 81.9890

Complementary

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



164.5200, -72.7274, -6.5950



49.4800, 72.7274, 6.5950

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.



183.3860, 35.3057, 62.8055



164.5200, -72.7274, -6.5950



143.5350, 54.9522, -125.8802

Square

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



164.5200, -72.7274, -6.5950



154.6080, 44.0703, -135.5912



174.9280, 39.4755, -14.8459



157.2990, -16.4164, 85.6838

Rectangle

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



164.5200, -72.7274, -6.5950



141.9200, 0.5324, -124.4638



174.9280, 39.4755, -14.8459



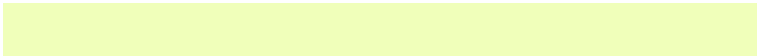
167.8840, 26.6792, 76.4007

Sweetspot

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



164.5200, -72.7274, -6.5950



242.6490, -27.9280, -2.3232



93.7130, -37.8195, 90.5827



120.3360, -16.4346, -2.0487



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.



164.5200, -72.7274, -6.5950



208.8870, -102.9813, -9.5479



137.9090, -59.6081, -61.3102



97.3760, -3.6364, -0.3298



133.6540, -65.8914, -5.8356



29.5040, -14.5455, -1.3190

Inverse Universe

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



49.4800, 72.7274, 6.5950



46.1130, 102.9813, 9.5479



76.0910, 59.6081, 61.3102



91.6240, 3.6364, 0.3298



29.3460, 65.8914, 5.8356



6.4960, 14.5455, 1.3190

Previews

White Background



This preview shows how the YUV color 164.5200, -72.7274, -6.5950 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 164.5200, -72.7274, -6.5950 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 164.5200, -72.7274, -6.5950 Background



This preview shows how black text looks on a background with the YUV color 164.5200, -72.7274, -6.5950.



This preview shows how white text looks on a background with the YUV color 164.5200, -72.7274, -6.5950.

-6.5950.

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

164.5200, -72.7274, -6.5950

Protanopia

169.7420, -79.2458, 30.9213

Deuteranopia

174.4680, -66.7857, 47.8246



Tritanopia

182.0190, 7.8786, -7.0327

Trichromacy



Original Color

164.5200, -72.7274, -6.5950

Protanomaly

167.9360, -76.8764, 17.5961

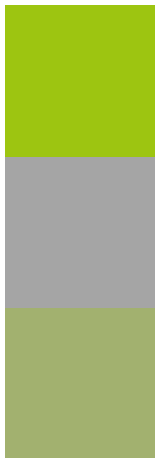
Deuteranomaly

171.0650, -69.0520, 28.0070

Tritanomaly

175.6360, -21.5125, -6.6968

Monochromacy



Original Color

164.5200, -72.7274, -6.5950

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9910, -26.6176, -2.6231

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5200, -72.7274, -6.5950 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(157, 197, 17)` looks like.

```
.text, #text, p{  
    color:rgb(157, 197, 17)  
}
```

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(157, 197, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 197, 17) }
```

Border

The CSS property to change the border of an element to YUV 164.5200, -72.7274, -6.5950 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(157, 197, 17) }
```


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

```
.border{ border-color:rgb(157, 197, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 197, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 197, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 197, 17);  
box-shadow:4px 4px 4px 4px rgb(157, 197,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 164.5200, -72.7274, -6.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 197, 17) }
```

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

```
.background{ background-color: rgb(157,  
197, 17) }
```

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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