

Converting Colors

YUV(164.4530, 29.8497,
-7.4133)

Have a look what the booklet for
YUV(164.4530, 29.8497, -7.4133)
contains.

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Color

**YUV(164.4530, 29.8497,
-7.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9DE1
RGB	156, 157, 225
RGB Percent	61%, 62%, 88%
CMY	0.3882, 0.3843, 0.1176
CMYK	0.31, 0.30, 0.00, 0.12
HSL	239°, 53%, 75%
HSV	239°, 31%, 88%
XYZ	39.3579, 36.6181, 76.2278
YIQ	164.4530, -22.4240, 20.9360

Conversions

Conversions Part 2

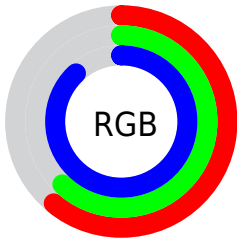
Format	Color
R _Y B	156, 157, 225
Decimal	10264033
CIE Lab	66.99, 14.97, -34.50
CIE LCh	67, 37.609, 293.448
Yxy	36.6181, 0.2586, 0.2406
Android (android.graphics.Color)	4288454113 (0xFF9C9DE1)
YUV	164.4530, 29.8497, -7.4133
Hunter-Lab	60.5129, 10.1997, -32.3283

Details

The YUV color $164.4530, 29.8497, -7.4133$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $216.5470, -29.8497, 7.4133$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.3150, 19.0717, -3.7843$, and $112.2850, 27.9605, -8.1429$ is the 20% darker color. If you saturate the color by 10%, you get $144.9610, 39.4592, -9.6128$, and if you desaturate by 10%, it is $184.2440, 20.0927, -4.5990$.

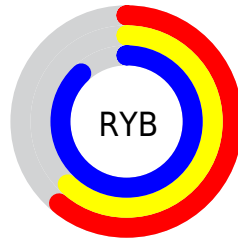
Distribution



Red (61%)

Green (62%)

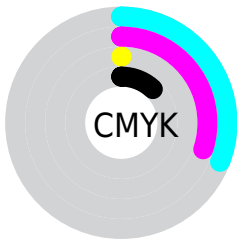
Blue (88%)



Red (61%)

Yellow (62%)

Blue (88%)

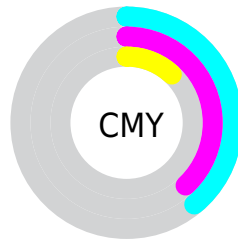


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (12%)



Cyan (39%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4530, 29.8497, -7.4133 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 164.4530, 29.8497, -7.4133 by changing the saturation by 10% instead.

■ 164.4530, 29.8497,
-7.4133

■ 164.4530, 29.8497,
-7.4133

255.0000, 0.0000,
0.0000

■ 137.9260, 29.1235,
-7.8281

■ 216.3150, 19.0717,
-3.7843

■ 112.2850, 27.9605,
-8.1429

■ 242.0090, 6.4046,
-0.8849

■ 87.4590, 27.3817,
-9.1725

■ 63.2200, 26.5135,
-10.7169

■ 39.0840, 26.0876,
-14.1057

■ 18.3180, 24.4932,
-16.0649

■ 6.3040, 19.0771,

-5.5286

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 164.4530, 29.8497,
-7.4133

■ 164.4530, 29.8497,
-7.4133

■ 144.9610, 39.4592,
-9.6128

■ 184.2440, 20.0927,
-4.5990

■ 125.1700, 49.2162,
-12.4271

■ 203.7360, 10.4832,
-2.3995

■ 105.0910, 59.1151,
-14.1118

■ 224.1140, 0.4368,
-0.1000

■ 85.3000, 68.8721,
-16.9261

■ 243.6060, -9.1728,
2.0995

■ 65.8080, 78.4817,
-19.1256

■ 251.5800,
-13.1039, 2.9993

■ 46.0170, 88.2386,
-21.9399

■ 27.4110, 97.4114,
-24.0394

Harmonies

Analogous

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



155.3230, 36.8158, -48.5183



164.4530, 29.8497, -7.4133



167.8720, 17.8111, 27.2993

Triad

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



164.4530, 29.8497, -7.4133



163.7120, -26.4800, 46.7336



145.6300, 4.1264, -63.6965

Complementary

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



164.4530, 29.8497, -7.4133



216.5470, -29.8497, 7.4133

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.



153.3880, -15.4743, -30.1583



164.4530, 29.8497, -7.4133



160.9840, -32.5301, 27.2010

Square

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



164.4530, 29.8497, -7.4133



165.2090, -13.4140, 55.9447



157.8450, -28.5176, 0.1359



128.9890, 29.5854, -109.6154

Rectangle

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



164.4530, 29.8497, -7.4133



167.3380, 7.7214, 43.5536



157.8450, -28.5176, 0.1359



148.5730, -2.7475, -52.2455

Sweetspot

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



164.4530, 29.8497, -7.4133



234.6220, 10.0464, -2.2995



204.2550, 9.7343, -42.3196



115.2970, 6.2626, -2.0145



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.



164.4530, 29.8497, -7.4133



172.3030, 40.7696, -9.9127



173.7330, 25.2746, 13.3892



102.2540, 4.8048, -1.0998



21.8250, 76.0083, -19.1405



6.0590, 20.6769, -5.3137

Inverse Universe

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



176.7450, -9.7343, 42.3196



189.2200, -13.4195, 57.6891



207.2670, -25.2746, -13.3892



104.2890, -1.6215, 6.7625



52.9660, -24.6332, 107.9008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 164.4530, 29.8497, -7.4133 looks on a white background.

Color Contrast Check

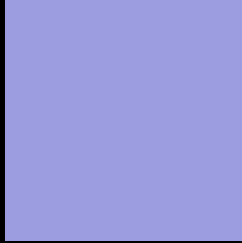
Large Text (above 18pt) WCAG AA × Fail

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 164.4530, 29.8497, -7.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

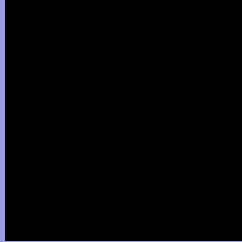
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.4530, 29.8497, -7.4133

Background



This preview shows how black text looks on a background with the YUV color 164.4530, 29.8497, -7.4133.



This preview shows how white text looks on a background with the YUV color 164.4530, 29.8497, -7.4133.

-7.4133.

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

164.4530, 29.8497, -7.4133

Protanopia

162.9570, 32.0662, -18.3793

Deuteranopia

162.8000, 30.1716, -17.3646



Tritanopia

161.5020, 8.6265, -13.5953

Trichromacy



Original Color

164.4530, 29.8497, -7.4133

Protanomaly

163.7510, 31.1818, -14.6906

Deuteranomaly

163.7080, 29.7240, -13.7759

Tritanomaly

162.8750, 16.3306, -11.2914

Monochromacy



Original Color

164.4530, 29.8497, -7.4133

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8500, 10.9200, -2.4994

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4530, 29.8497, -7.4133 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(156, 157, 225)` looks like.

```
.text, #text, p{  
    color:rgb(156, 157, 225)  
}
```

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(156, 157, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 157, 225) }
```

Border

The CSS property to change the border of an element to YUV 164.4530, 29.8497, -7.4133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

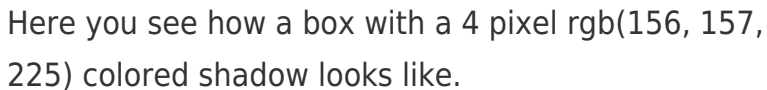
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 157, 225) }
```


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

```
.border{ border-color:rgb(156, 157, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 157, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 157, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 157, 225); box-shadow:4px 4px 4px 4px rgb(156, 157, 225) }
```

Background

The CSS property to change the background color of an element to YUV 164.4530, 29.8497, -7.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 157, 225) }
```

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

```
.background{ background-color: rgb(156,  
157, 225) }
```

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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