

Converting Colors

YUV(164.2420, 26.5027,
-7.2282)

Have a look what the booklet for
YUV(164.2420, 26.5027, -7.2282)
contains.

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Color

**YUV(164.2420, 26.5027,
-7.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9EDA
RGB	156, 158, 218
RGB Percent	61%, 62%, 85%
CMY	0.3882, 0.3804, 0.1451
CMYK	0.28, 0.28, 0.00, 0.15
HSL	238°, 46%, 73%
HSV	238°, 28%, 85%
XYZ	38.5921, 36.5836, 71.3570
YIQ	164.2420, -20.4520, 18.2360

Conversions

Conversions Part 2

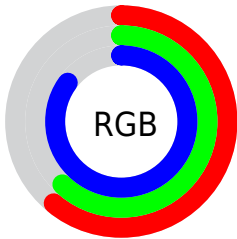
Format	Color
RYB	156, 158, 218
Decimal	10264282
CIELab	66.96, 12.64, -30.68
CIELCh	67, 33.185, 292.397
Yxy	36.5836, 0.2634, 0.2497
Android (android.graphics.Color)	4288454362 (0xFF9C9EDA)
YUV	164.2420, 26.5027, -7.2282
Hunter-Lab	60.4844, 8.0443, -27.6089

Details

The YUV color **164.2420, 26.5027, -7.2282** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **209.7580, -26.5027, 7.2282**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4890, 18.4929, -4.8139**, and **112.1880, 25.0503, -8.0579** is the 20% darker color. If you saturate the color by 10%, you get **145.3370, 35.8229, -9.9425**, and if you desaturate by 10%, it is **183.1470, 17.1825, -4.5139**.

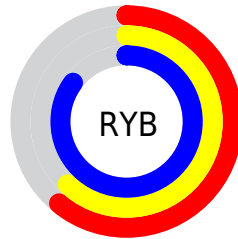
Distribution



Red (61%)

Green (62%)

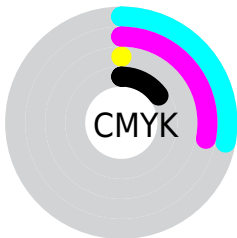
Blue (85%)



Red (61%)

Yellow (62%)

Blue (85%)

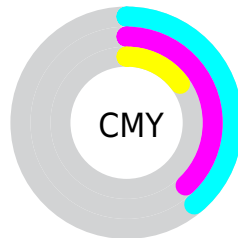


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2420, 26.5027, -7.2282 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 164.2420, 26.5027, -7.2282 by changing the saturation by 10% instead.

■ 164.2420, 26.5027,
-7.2282

■ 164.2420, 26.5027,
-7.2282

255.0000, 0.0000,
0.0000

■ 137.7150, 25.7765,
-7.6431

■ 217.4890, 18.4929,
-4.8139

■ 112.1880, 25.0503,
-8.0579

■ 242.2970, 6.2626,
-2.0145

■ 87.2480, 24.0347,
-8.9875

■ 63.4220, 23.4560,
-10.0171

■ 39.8840, 22.7352,
-12.1763

■ 17.7480, 22.3092,
-15.5650

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 164.2420, 26.5027,
-7.2282

■ 164.2420, 26.5027,
-7.2282

■ 145.3370, 35.8229,
-9.9425

■ 183.1470, 17.1825,
-4.5139

■ 126.4320, 45.1430,
-12.6569

■ 202.0520, 7.8624,
-1.7996

■ 107.8260, 54.3158,
-14.7564

■ 220.6580, -1.3104,
0.2999

■ 88.9210, 63.6359,
-17.4707

■ 239.5630,
-10.6306, 3.0142

■ 70.0160, 72.9561,
-20.1850

■ 250.7820,
-16.1615, 3.6992

■ 50.5240, 82.5657,
-22.3845

■ 31.6190, 91.8858,
-25.0989

■ 28.9610, 93.1962,
-25.3988

Harmonies

Analogous

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



156.5150, 32.2841, -41.6707



164.2420, 26.5027, -7.2282



167.3830, 16.0802, 22.4661

Triad

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



164.2420, 26.5027, -7.2282



163.6020, -22.9748, 42.4450



149.2400, 2.3467, -52.8305

Complementary

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



164.2420, 26.5027, -7.2282



209.7580, -26.5027, 7.2282

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.



154.7630, -14.1802, -25.2252



164.2420, 26.5027, -7.2282



161.9990, -28.5935, 24.5569

Square

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



164.2420, 26.5027, -7.2282



165.3330, -11.5032, 49.6970



158.6540, -25.4654, 1.1804



143.5050, 20.4570, -74.9879

Rectangle

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



164.2420, 26.5027, -7.2282



166.8920, 7.4482, 37.8057



158.6540, -25.4654, 1.1804



151.1010, -3.5008, -43.9386

Sweetspot

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



164.2420, 26.5027, -7.2282



235.2090, 9.7570, -2.8143



199.2340, 8.2656, -37.9162



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.



164.2420, 26.5027, -7.2282



179.6790, 37.1333, -10.2425



171.7390, 22.8067, 11.6299



100.2540, 4.8048, -1.0998



23.2440, 73.8297, -20.3850



5.8310, 19.8033, -5.1138

Inverse Universe

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



174.7660, -8.2656, 37.9162



194.3550, -11.5140, 53.1857



202.2610, -22.8067, -11.6299



102.2890, -1.6215, 6.7625



52.4110, -22.8806, 105.7566



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 164.2420, 26.5027, -7.2282 looks on a white background.

Color Contrast Check

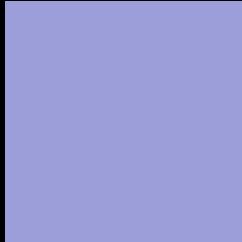
Large Text (above 18pt) WCAG AA × Fail

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 164.2420, 26.5027, -7.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

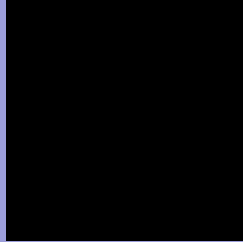
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.2420, 26.5027, -7.2282

Background



This preview shows how black text looks on a background with the YUV color 164.2420, 26.5027, -7.2282.



This preview shows how white text looks on a background with the YUV color 164.2420, 26.5027, -7.2282.

-7.2282.

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

164.2420, 26.5027, -7.2282

Protanopia

163.2410, 27.9822, -15.1204

Deuteranopia

163.0240, 27.1032, -13.1760



Tritanopia

161.5130, 8.6211, -11.8509

Trichromacy



Original Color

164.2420, 26.5027, -7.2282

Protanomaly

163.7360, 27.2452, -12.0465

Deuteranomaly

163.3340, 26.9503, -10.8169

Tritanomaly

162.2450, 15.1622, -9.8619

Monochromacy



Original Color

164.2420, 26.5027, -7.2282

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.2090, 9.7570, -2.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2420, 26.5027, -7.2282 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, 158, 218)` looks like.

```
.text, #text, p{  
    color:rgb(156, 158, 218)  
}
```

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, 158, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 158, 218) }
```

Border

The CSS property to change the border of an element to YUV 164.2420, 26.5027, -7.2282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

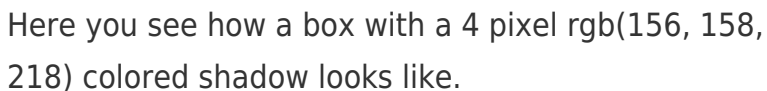
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 158, 218) }
```


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

```
.border{ border-color:rgb(156, 158, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 158, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 158, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 158, 218); box-shadow:4px 4px 4px 4px rgb(156, 158, 218) }
```

Background

The CSS property to change the background color of an element to YUV 164.2420, 26.5027, -7.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 158, 218) }
```

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

```
.background{ background-color: rgb(156,  
158, 218) }
```

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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