

Converting Colors

YUV(164.2510, 16.1453, 1.5339)

Have a look what the booklet for
YUV(164.2510, 16.1453, 1.5339)
contains.

YUV(164.2510, 16.1453, 1.5339)	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(164.2510, 16.1453,
1.5339)**

Conversions

Conversions Part 1

Format	Color
Hex	A69DC5
RGB	166, 157, 197
RGB Percent	65%, 62%, 77%
CMY	0.3490, 0.3843, 0.2275
CMYK	0.16, 0.20, 0.00, 0.23
HSL	253°, 26%, 69%
HSV	253°, 20%, 77%
XYZ	37.8609, 36.2522, 57.8252
YIQ	164.2510, -7.4760, 14.3480

Conversions

Conversions Part 2

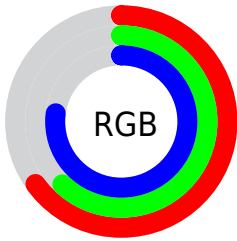
Format	Color
RYB	166, 157, 197
Decimal	10919365
CIELab	66.71, 11.37, -19.36
CIELCh	67, 22.451, 300.441
Yxy	36.2522, 0.2870, 0.2748
Android (android.graphics.Color)	4289109445 (0xFFA69DC5)
YUV	164.2510, 16.1453, 1.5339
Hunter-Lab	60.2098, 6.8767, -14.7950

Details

The YUV color **164.2510, 16.1453, 1.5339** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **189.7490, -16.1453, -1.5339**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4790, 17.0189, 1.3339**, and **112.6100, 14.9823, 1.2190** is the 20% darker color. If you saturate the color by 10%, you get **148.0260, 24.1442, 2.6082**, and if you desaturate by 10%, it is **180.4760, 8.1463, 0.4595**.

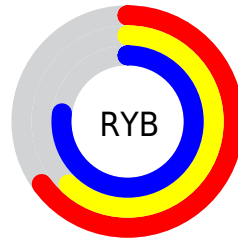
Distribution



Red (65%)

Green (62%)

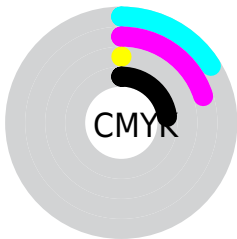
Blue (77%)



Red (65%)

Yellow (62%)

Blue (77%)

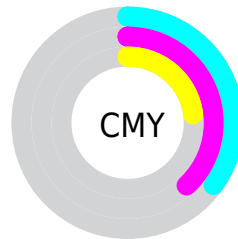


Cyan (16%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (35%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2510, 16.1453, 1.5339 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 164.2510, 16.1453, 1.5339 by changing the saturation by 10% instead.

■ 164.2510, 16.1453,
1.5339

■ 164.2510, 16.1453,
1.5339

■ 255.0000, 0.0000,
0.0000

■ 137.8380, 15.8559,
1.0191

■ 219.4790, 17.0189,
1.3339

■ 112.6100, 14.9823,
1.2190

■ 244.7000, 5.0779,
4.6481

■ 88.0830, 14.2561,
0.8042

■ 64.6700, 13.9667,
0.2894

■ 42.1430, 13.2405,
-0.1254

■ 21.2030, 12.2249,
-1.0550

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 164.2510, 16.1453,
1.5339

■ 164.2510, 16.1453,
1.5339

■ 148.0260, 24.1442,
2.6082

■ 180.4760, 8.1463,
0.4595

■ 132.0890, 32.0011,
2.5529

■ 196.4130, 0.2894,
0.5148

■ 115.8640, 40.0000,
3.6273

■ 212.6380, -7.7095,
-0.5595

■ 99.6390, 47.9990,
4.7016

■ 228.8630,
-15.7085, -1.6339

■ 84.0010, 55.7085,
5.2611

■ 244.5010,
-23.4180, -2.1934

■ 67.4770, 63.8548,
5.7207

■ 248.3880,
-25.3343, 5.7987

■ 51.2520, 71.8538,
6.7950

■ 35.6140, 79.5633,
7.3545

Harmonies

Analogous

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



160.5580, 20.4309, -19.7834



164.2510, 16.1453, 1.5339



166.0100, 8.3761, 20.1622

Triad

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



164.2510, 16.1453, 1.5339



162.9960, -17.2530, 27.1905



154.3930, 3.7503, -36.3017

Complementary

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



164.2510, 16.1453, 1.5339



189.7490, -16.1453, -1.5339

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.



156.6200, -7.2077, -21.5917



164.2510, 16.1453, 1.5339



161.3380, -19.3936, 13.7356

Square

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



164.2510, 16.1453, 1.5339



164.4620, -10.5808, 33.7978



158.8520, -15.7030, -3.3782



153.3950, 14.1023, -43.3194

Rectangle

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



164.2510, 16.1453, 1.5339



165.4580, 2.2392, 28.5393



158.8520, -15.7030, -3.3782



154.5030, 0.2450, -32.0131

Sweetspot

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



164.2510, 16.1453, 1.5339



242.6070, 6.1097, 0.3447



179.7570, 8.5008, -19.9579



120.6240, 3.6364, 0.3298



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.



164.2510, 16.1453, 1.5339



205.1400, 24.5810, 2.5082



170.2310, 13.1971, 13.8294



91.6240, 3.6364, 0.3298



29.6450, 65.7440, 6.4503



6.4960, 14.5455, 1.3190

Inverse Universe

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



172.4940, 7.6445, 21.4918



217.5970, 11.5377, 32.8024



183.7690, -13.1971, -13.8294



93.4890, 1.7309, 4.8331



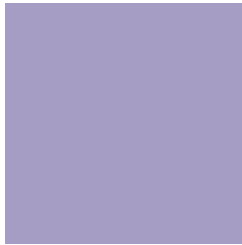
63.1010, 31.0092, 87.6114



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 164.2510, 16.1453, 1.5339 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 164.2510, 16.1453, 1.5339 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 164.2510, 16.1453, 1.5339

Background



This preview shows how black text looks on a background with the YUV color 164.2510, 16.1453, 1.5339.



This preview shows how white text looks on a background with the YUV color 164.2510, 16.1453,

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

164.2510, 16.1453, 1.5339

Protanopia

163.0540, 18.2144, -8.8174

Deuteranopia

163.9300, 16.3035, -2.5696



Tritanopia

162.7810, 5.5310, -0.6849

Trichromacy



Original Color

164.2510, 16.1453, 1.5339

Protanomaly

163.8480, 17.3299, -5.1287

Deuteranomaly

163.9410, 16.2981, -0.8253

Tritanomaly

163.4050, 9.1673, -0.3552

Monochromacy



Original Color

164.2510, 16.1453, 1.5339

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2510, 16.1453, 1.5339 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(166, 157, 197)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 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(166, 157, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 197) }
```

Border

The CSS property to change the border of an element to YUV 164.2510, 16.1453, 1.5339 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(166, 157, 197) }
```


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

```
.border{ border-color:rgb(166, 157, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 157, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 157, 197); box-shadow:4px 4px 4px 4px rgb(166, 157, 197) }
```

Background

The CSS property to change the background color of an element to YUV 164.2510, 16.1453, 1.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 197) }
```

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

```
.background{ background-color: rgb(166,  
157, 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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