

Converting Colors

YUV(164.7240, 11.9681,
-12.0359)

Have a look what the booklet for
YUV(164.7240, 11.9681, -12.0359)
contains.

YUV(164.7240, 11.9681, -12.0359)	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(164.7240, 11.9681,
-12.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	97A7BD
RGB	151, 167, 189
RGB Percent	59%, 65%, 74%
CMY	0.4078, 0.3451, 0.2588
CMYK	0.20, 0.12, 0.00, 0.26
HSL	215°, 22%, 67%
HSV	215°, 20%, 74%
XYZ	35.7665, 37.8909, 53.5727
YIQ	164.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

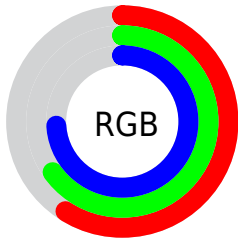
Format	Color
RYB	151, 162, 189
Decimal	9938877
CIELab	67.94, -0.83, -13.17
CIElCh	68, 13.193, 266.388
Yxy	37.8909, 0.2811, 0.2978
Android (android.graphics.Color)	4288128957 (0xFF97A7BD)
YUV	164.7240, 11.9681, -12.0359
Hunter-Lab	61.5556, -4.0058, -8.5120

Details

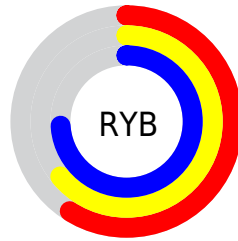
The YUV color **164.7240, 11.9681, -12.0359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175.2760, -11.9681, 12.0359**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8380, 12.4049, -12.1359**, and **112.9090, 11.3839, -11.3212** is the 20% darker color. If you saturate the color by 10%, you get **152.5860, 17.9521, -18.0539**, and if you desaturate by 10%, it is **176.8620, 5.9840, -6.0180**.

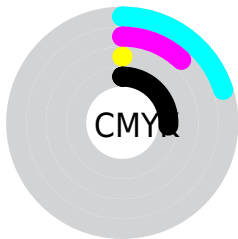
Distribution



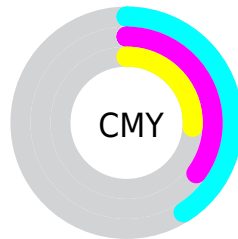
- Red (59%)
- Green (65%)
- Blue (74%)



- Red (59%)
- Yellow (64%)
- Blue (74%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)



- Cyan (41%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7240, 11.9681, -12.0359 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 164.7240, 11.9681, -12.0359 by changing the saturation by 10% instead.

■ 164.7240, 11.9681,
-12.0359

■ 164.7240, 11.9681,
-12.0359

255.0000, 0.0000,
0.0000

■ 138.6100, 11.5313,
-11.9360

■ 219.8380, 12.4049,
-12.1359

■ 112.9090, 11.3839,
-11.3212

■ 246.3730, 4.2531,
-10.8511

■ 88.3820, 10.6577,
-11.7360

■ 64.6810, 10.5103,
-11.1212

■ 42.2680, 10.2209,
-11.6360

■ 21.1430, 9.7895,
-13.2804

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 164.7240, 11.9681,
-12.0359

■ 164.7240, 11.9681,
-12.0359

■ 152.5860, 17.9521,
-18.0539

■ 176.8620, 5.9840,
-6.0180

■ 140.4480, 23.9361,
-24.0719

■ 189.0000, 0.0000,
0.0000

■ 128.3100, 29.9202,
-30.0899

■ 201.1380, -5.9840,
6.0180

■ 116.1720, 35.9042,
-36.1078

■ 213.2760,
-11.9681, 12.0359

■ 104.3330, 41.7408,
-41.5110

■ 225.4140,
-17.9521, 18.0539

■ 92.1950, 47.7249,
-47.5290

■ 234.5620,
-22.4621, 17.9241

■ 80.0570, 53.7089,
-53.5470

■ 241.0190,
-25.6454, 12.2613

■ 68.5060, 59.4035,
-60.0798

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



162.4410, 11.1216, -20.5578



164.7240, 11.9681, -12.0359



166.6330, 10.0409, -0.5551

Triad

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



164.7240, 11.9681, -12.0359



167.5250, -6.1748, 20.5876



162.5550, -5.2036, -11.0107

Complementary

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



164.7240, 11.9681, -12.0359



175.2760, -11.9681, 12.0359

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.



164.0680, -9.8935, -0.0596



164.7240, 11.9681, -12.0359



166.4770, -10.0952, 17.9987

Square

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



164.7240, 11.9681, -12.0359



168.2950, -0.6384, 18.1583



165.3790, -11.5258, 10.1916



161.8080, 1.0807, -20.0026

Rectangle

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



164.7240, 11.9681, -12.0359



167.8790, 6.9617, 7.1221



165.3790, -11.5258, 10.1916



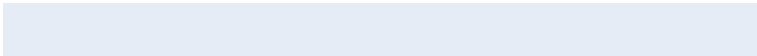
162.8220, -6.8142, -7.7369

Sweetspot

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



164.7240, 11.9681, -12.0359



235.2320, 4.8156, -4.5885



175.8140, -1.3873, -21.7619



116.6730, 2.6262, -2.3442



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



164.7240, 11.9681, -12.0359



207.4010, 18.5363, -18.7687



156.2290, 16.1561, -1.9548



88.3740, 2.7736, -2.9590



57.3410, 49.6249, -50.2881



11.1650, 9.7787, -9.7917

Inverse Universe

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



164.1860, 1.3873, 21.7619



206.4910, 2.2229, 33.7724



183.7710, -16.1561, 1.9548



88.1470, 0.4205, 5.1331



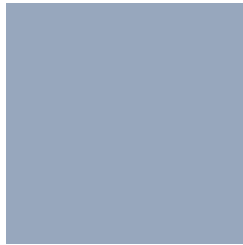
54.8800, 5.9752, 90.4362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 164.7240, 11.9681, -12.0359 looks on a white background.

Color Contrast Check

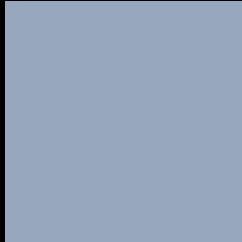
Large Text (above 18pt) WCAG AA × Fail

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 164.7240, 11.9681, -12.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

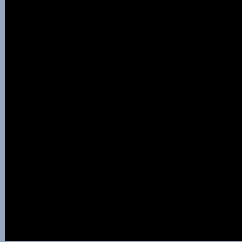
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

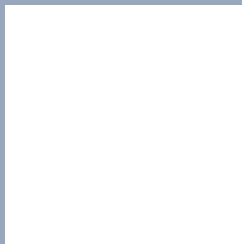
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.7240, 11.9681, -12.0359

Background



This preview shows how black text looks on a background with the YUV color 164.7240, 11.9681, -12.0359.



This preview shows how white text looks on a background with the YUV color 164.7240, 11.9681, -12.0359.

-12.0359.

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

164.7240, 11.9681, -12.0359

Protanopia

166.0240, 10.3412, -3.5290

Deuteranopia

166.9970, 11.3405, 2.6336



Tritanopia

164.2140, 8.7685, -12.4657

Trichromacy



Original Color

164.7240, 11.9681, -12.0359

Protanomaly

165.5290, 11.0782, -6.6029

Deuteranomaly

166.0780, 11.7935, -2.6994

Tritanomaly

164.5560, 10.0789, -12.7656

Monochromacy



Original Color

164.7240, 11.9681, -12.0359

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7240, 11.9681, -12.0359 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(151, 167, 189)` looks like.

```
.text, #text, p{  
    color:rgb(151, 167, 189)  
}
```

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(151, 167, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 167, 189) }
```

Border

The CSS property to change the border of an element to YUV 164.7240, 11.9681, -12.0359 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(151, 167, 189) }
```


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

```
.border{ border-color:rgb(151, 167, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 167, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 167, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 167, 189); box-shadow:4px 4px 4px 4px rgb(151, 167, 189) }
```

Background

The CSS property to change the background color of an element to YUV 164.7240, 11.9681, -12.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 167, 189) }
```

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

```
.background{ background-color: rgb(151,  
167, 189) }
```

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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