

Converting Colors

YUV(66.9570, 11.8532,
-21.8873)

Have a look what the booklet for
YUV(66.9570, 11.8532, -21.8873)
contains.

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Color

**YUV(66.9570, 11.8532,
-21.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4B5B
RGB	42, 75, 91
RGB Percent	16%, 29%, 36%
CMY	0.8353, 0.7059, 0.6431
CMYK	0.54, 0.18, 0.00, 0.64
HSL	200°, 37%, 26%
HSV	200°, 54%, 36%
XYZ	5.3592, 6.2797, 10.8272
YIQ	66.9570, -24.8040, -2.0200

Conversions

Conversions Part 2

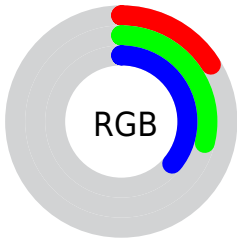
Format	Color
R_{YB}	42, 62, 91
Decimal	2771803
CIE _{Lab}	30.11, -7.01, -13.16
CIE _{LCh}	30, 14.912, 241.966
Yxy	6.2797, 0.2385, 0.2795
Android (android.graphics.Color)	4280961883 (0xFF2A4B5B)
YUV	66.9570, 11.8532, -21.8873
Hunter-Lab	25.0594, -5.6795, -8.0753




Details

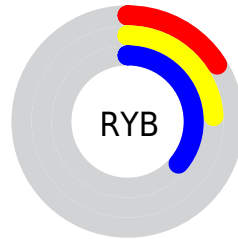
The YUV color **66.9570, 11.8532, -21.8873** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.0430, -11.8532, 21.8873**, and the grayscale version is **67.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **116.0710, 12.2900, -21.9873**, and **23.3270, 10.6848, -20.4578** is the 20% darker color. If you saturate the color by 10%, you get **62.5050, 14.0480, -25.8759**, and if you desaturate by 10%, it is **71.4090, 9.6584, -17.8987**.

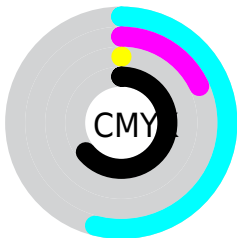
Distribution







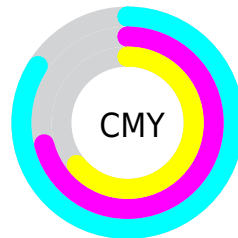
-  Red (16%)
-  Green (29%)
-  Blue (36%)






-  Red (16%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (54%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (84%)
-  Magenta (71%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9570, 11.8532, -21.8873 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 66.9570, 11.8532, -21.8873 by changing the saturation by 10% instead.

66.9570, 11.8532,
-21.8873

66.9570, 11.8532,
-21.8873

255.0000, 0.0000,
0.0000

43.2450, 11.7112,
-23.0169

116.0710, 12.2900,
-21.9873

23.3270, 10.6848,
-20.4578

142.1850, 12.7268,
-22.0872

4.0240, 10.3412,
-3.5290

168.2990, 13.1636,
-22.1872

0.0000, 0.0000,
0.0000

196.0000, 13.3110,
-22.8020

224.0000, 13.3110,
-22.8020

246.3290, 4.2748,

-17.8285

■ 66.9570, 11.8532,
-21.8873

■ 66.9570, 11.8532,
-21.8873

■ 62.5050, 14.0480,
-25.8759

■ 71.4090, 9.6584,
-17.8987

■ 58.0530, 16.2429,
-29.8645

■ 75.8610, 7.4635,
-13.9101

■ 53.6010, 18.4377,
-33.8531

■ 80.3130, 5.2687,
-9.9215

■ 49.1490, 20.6325,
-37.8417

■ 84.7650, 3.0739,
-5.9329

■ 46.1810, 22.0958,
-40.5007

■ 89.5160, 0.7316,
-1.3295

■ 93.9680, -1.4632,
2.6591

■ 98.4200, -3.6581,
6.6477

■ 102.8720, -5.8529,
10.6363

■ 107.3240, -8.0477,
14.6249

Harmonies

Analogous

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



65.1260, 8.8119, -26.4205



66.9570, 11.8532, -21.8873



70.0230, 11.8207, -11.4212

Triad

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



66.9570, 11.8532, -21.8873



72.2950, -0.6384, 18.1583



68.9860, -8.8671, -2.6187

Complementary

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



66.9570, 11.8532, -21.8873



66.0430, -11.8532, 21.8873

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.



69.8840, -10.7888, 7.1177



66.9570, 11.8532, -21.8873



71.8130, -6.3168, 19.4580

Square

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



66.9570, 11.8532, -21.8873



72.6300, 4.6194, 11.7255



70.8680, -9.7949, 15.0248



67.2990, -3.5984, -12.5402

Rectangle

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



66.9570, 11.8532, -21.8873



71.3230, 10.1938, -2.9143



70.8680, -9.7949, 15.0248



69.3670, -10.0409, 0.5551

Sweetspot

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



66.9570, 11.8532, -21.8873



108.0960, 4.3897, -7.9772



72.5870, -7.1914, -26.8248



53.3630, 2.7790, -4.7034



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



66.9570, 11.8532, -21.8873



79.6010, 18.4377, -33.8531



52.8690, 18.7986, -9.5321



43.3310, 1.3158, -2.0443



55.9780, 26.6328, -49.0927



120.9380, 57.2186, -106.0626

Inverse Universe

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



60.4130, 7.1914, 26.8248



69.5380, 11.0738, 41.6242



80.1310, -18.7986, 9.5321



42.8370, 0.5734, 2.7740



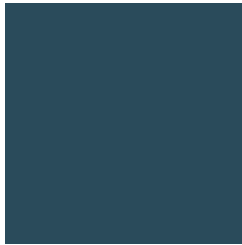
41.3260, 16.1083, 60.2271



89.1030, 34.9522, 129.7057

Previews

White Background



This preview shows how the YUV color 66.9570, 11.8532, -21.8873 looks on a white 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

Black Background



This preview shows how the YUV color 66.9570, 11.8532, -21.8873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

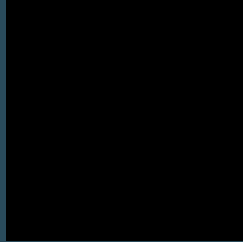
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.9570, 11.8532, -21.8873

Background



This preview shows how black text looks on a background with the YUV color 66.9570, 11.8532, -21.8873.



This preview shows how white text looks on a background with the YUV color 66.9570, 11.8532, -21.8873.

-21.8873.

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

66.9570, 11.8532, -21.8873

Protanopia

71.0410, 7.8678, -3.5440

Deuteranopia

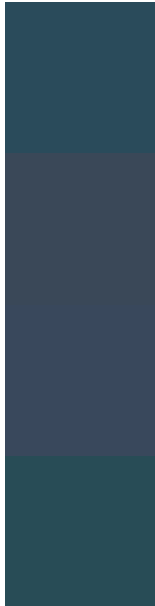
71.3120, 10.1992, -4.6586



Tritanopia

65.7350, 8.5116, -23.4466

Trichromacy



Original Color

66.9570, 11.8532, -21.8873

Protanomaly

69.6380, 9.0525, -10.2065

Deuteranomaly

69.7950, 10.9471, -11.2212

Tritanomaly

66.3760, 9.6746, -23.1318

Monochromacy



Original Color

66.9570, 11.8532, -21.8873

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9570, 11.8532, -21.8873 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(42, 75, 91)` looks like.

```
.text, #text, p{  
    color:rgb(42, 75, 91)  
}
```

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(42, 75, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 75, 91) }
```

Border

The CSS property to change the border of an element to YUV 66.9570, 11.8532, -21.8873 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(42, 75, 91) }
```


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

```
.border{ border-color:rgb(42, 75, 91) }
```

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

Here you see how a box with a 4 pixel rgb(42, 75, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 75, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 75, 91);  
box-shadow:4px 4px 4px 4px rgb(42, 75, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.9570, 11.8532, -21.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 75, 91) }
```

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

```
.background{ background-color: rgb(42, 75,  
91) }
```

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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