

Converting Colors

YUV(66.2860, 9.7190, 9.3962)

Have a look what the booklet for
YUV(66.2860, 9.7190, 9.3962)
contains.

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Color

**YUV(66.2860, 9.7190,
9.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3956
RGB	77, 57, 86
RGB Percent	30%, 22%, 34%
CMY	0.6980, 0.7765, 0.6627
CMYK	0.10, 0.34, 0.00, 0.66
HSL	281°, 20%, 28%
HSV	281°, 34%, 34%
XYZ	6.2034, 5.1759, 9.4762
YIQ	66.2860, 2.6110, 13.2590

Conversions

Conversions Part 2

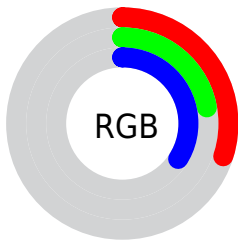
Format	Color
R_{YB}	77, 57, 86
Decimal	5060950
CIE Lab	27.23, 14.97, -14.10
CIE LCh	27, 20.565, 316.728
Yxy	5.1759, 0.2974, 0.2482
Android (android.graphics.Color)	4283251030 (0xFF4D3956)
YUV	66.2860, 9.7190, 9.3962
Hunter-Lab	22.7507, 8.8579, -8.7703




Details

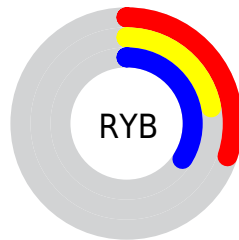
The YUV color **66.2860, 9.7190, 9.3962** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76.7140, -9.7190, -9.3962**, and the grayscale version is **66.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **114.2260, 10.7346, 10.3258**, and **23.0470, 8.8508, 7.8518** is the 20% darker color. If you saturate the color by 10%, you get **60.1060, 12.7657, 12.1850**, and if you desaturate by 10%, it is **72.4660, 6.6723, 6.6073**.

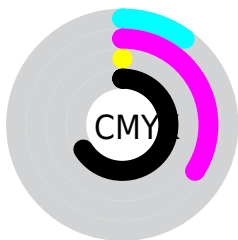
Distribution







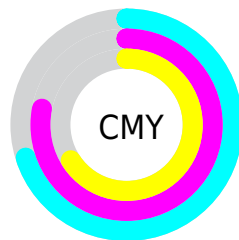
-  Red (30%)
-  Green (22%)
-  Blue (34%)






-  Red (30%)
-  Yellow (22%)
-  Blue (34%)



-  Cyan (10%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (70%)
-  Magenta (78%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2860, 9.7190, 9.3962 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 66.2860, 9.7190, 9.3962 by changing the saturation by 10% instead.

66.2860, 9.7190,
9.3962

66.2860, 9.7190,
9.3962

255.0000, 0.0000,
0.0000

43.8730, 9.4296,
8.8814

114.2260, 10.7346,
10.3258

23.0470, 8.8508,
7.8518

139.6390, 11.0240,
10.8406

2.2800, 8.7360,
-1.9996

166.6390, 11.0240,
10.8406

0.0000, 0.0000,
0.0000

193.4650, 11.6028,
11.8702

221.4650, 11.6028,
11.8702

245.0210, 4.9196,

8.7516

■ 66.2860, 9.7190,
9.3962

■ 66.2860, 9.7190,
9.3962

■ 60.1060, 12.7657,
12.1850

■ 72.4660, 6.6723,
6.6073

■ 54.8120, 15.3757,
15.0739

■ 77.7600, 4.0623,
3.7185

■ 48.6320, 18.4224,
17.8627

■ 83.9400, 1.0156,
0.9296

■ 43.0390, 21.1798,
20.1368

■ 89.5330, -1.7418,
-1.3444

■ 37.1580, 24.0791,
23.5404

■ 95.4140, -4.6411,
-4.7481

■ 30.9780, 27.1258,
26.3293

■ 101.5940, -7.6878,
-7.5369

■ 27.4450, 28.8676,
27.6737

■ 107.1870,
-10.4452, -9.8110

■ 113.0680,
-13.3445, -13.2146

■ 118.6610,
-16.1019, -15.4887

Harmonies

Analogous

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



64.1420, 14.7200, -8.0175



66.2860, 9.7190, 9.3962



66.2290, 2.8451, 20.8472

Triad

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



66.2860, 9.7190, 9.3962



63.9020, -14.7417, 14.9949



51.1730, 10.7607, -44.8787

Complementary

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



66.2860, 9.7190, 9.3962



76.7140, -9.7190, -9.3962

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.



56.8350, 0.0813, -26.1653



66.2860, 9.7190, 9.3962



62.3520, -13.9775, 3.1993

Square

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



66.2860, 9.7190, 9.3962



64.8690, -11.2744, 22.9169



60.2300, -8.9874, -10.7257



51.5950, 17.4547, -45.2488

Rectangle

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



66.2860, 9.7190, 9.3962



65.5840, -2.2599, 24.9208



60.2300, -8.9874, -10.7257



52.5820, 7.1081, -39.9754

Sweetspot

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



66.2860, 9.7190, 9.3962



104.6460, 3.6255, 3.8185



65.5890, 10.0626, -7.5326



51.2930, 2.3206, 2.3740



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



66.2860, 9.7190, 9.3962



81.3990, 15.0863, 14.5591



68.4070, 6.2083, 15.4291



40.3530, 1.3050, 1.4444



34.3240, 35.8293, 34.7959



75.2280, 78.7676, 76.0990

Inverse Universe

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



66.6970, -0.3436, 16.9287



82.0510, -0.5181, 26.2653



74.5930, -6.2083, -15.4291



40.3100, -0.1528, 2.3591



35.7550, -1.3582, 62.4819



78.5870, -2.7544, 137.1742

Previews

White Background



This preview shows how the YUV color 66.2860, 9.7190, 9.3962 looks on a white background.

Color Contrast Check

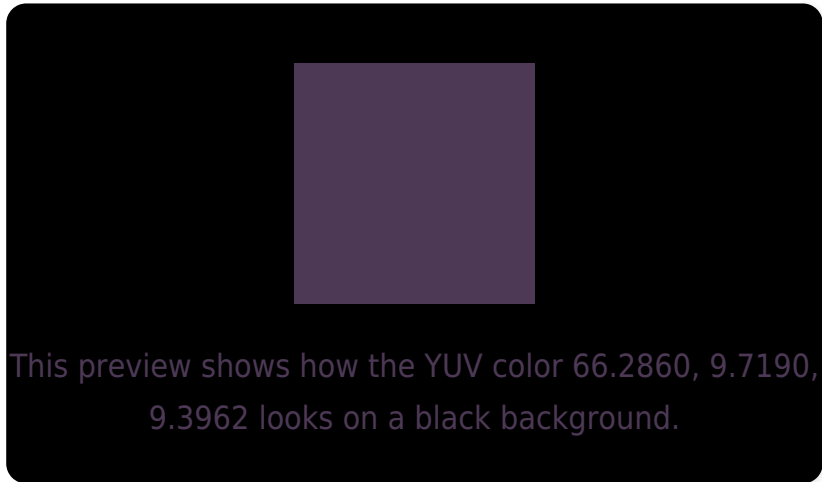
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

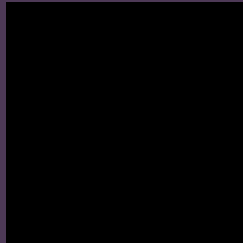
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.2860, 9.7190, 9.3962

Background



This preview shows how black text looks on a background with the YUV color 66.2860, 9.7190, 9.3962.



This preview shows how white text looks on a background with the YUV color 66.2860, 9.7190,

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

66.2860, 9.7190, 9.3962

Protanopia

64.6860, 12.9728, -7.6176

Deuteranopia

64.6110, 10.0518, -4.0438



Tritanopia

65.4570, 0.2677, 7.4922

Trichromacy



Original Color

66.2860, 9.7190, 9.3962

Protanomaly

65.0890, 11.7881, -0.9551

Deuteranomaly

65.2310, 9.7461, 0.6744

Tritanomaly

65.9670, 3.4673, 7.9219

Monochromacy



Original Color

66.2860, 9.7190, 9.3962

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2330, 3.3361, 3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2860, 9.7190, 9.3962 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(77, 57, 86)` looks like.

```
.text, #text, p{  
    color:rgb(77, 57, 86)  
}
```

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(77, 57, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 57, 86) }
```

Border

The CSS property to change the border of an element to YUV 66.2860, 9.7190, 9.3962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

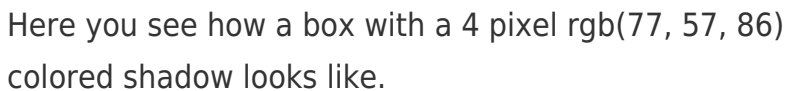
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 57, 86) }
```


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

```
.border{ border-color:rgb(77, 57, 86) }
```

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



Here you see how a box with a 4 pixel `rgb(77, 57, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 57, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 57, 86);  
box-shadow:4px 4px 4px 4px rgb(77, 57, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.2860, 9.7190, 9.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 57, 86) }
```

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

```
.background{ background-color: rgb(77, 57,  
86) }
```

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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