

Converting Colors

YUV(86.6730, 2.6262, -2.3442)

Have a look what the booklet for
YUV(86.6730, 2.6262, -2.3442)
contains.

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Color

**YUV(86.6730, 2.6262,
-2.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	54575C
RGB	84, 87, 92
RGB Percent	33%, 34%, 36%
CMY	0.6706, 0.6588, 0.6392
CMYK	0.09, 0.05, 0.00, 0.64
HSL	217°, 5%, 35%
HSV	217°, 9%, 36%
XYZ	8.9961, 9.4739, 11.4797
YIQ	86.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

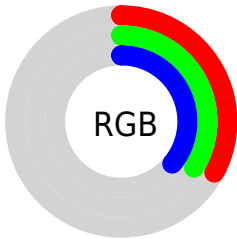
Format	Color
RYB	84, 86, 92
Decimal	5527388
CIELab	36.88, -0.07, -3.31
CIElCh	37, 3.309, 268.750
Yxy	9.4739, 0.3004, 0.3163
Android (android.graphics.Color)	4283717468 (0xFF54575C)
YUV	86.6730, 2.6262, -2.3442
Hunter-Lab	30.7797, -1.6936, -0.5672

Details

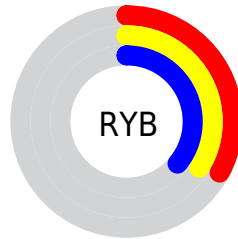
The YUV color $86.6730, 2.6262, -2.3442$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $89.3270, -2.6262, 2.3442$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $136.6730, 2.6262, -2.3442$, and $41.5590, 2.1894, -2.2442$ is the 20% darker color. If you saturate the color by 10%, you get $80.4600, 5.6892, -4.7884$, and if you desaturate by 10%, it is $92.8860, -0.4368, 0.1000$.

Distribution



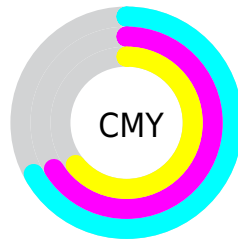
- Red (33%)
- Green (34%)
- Blue (36%)



- Red (33%)
- Yellow (34%)
- Blue (36%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (64%)



- Cyan (67%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6730, 2.6262, -2.3442 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 86.6730, 2.6262, -2.3442 by changing the saturation by 10% instead.

■ 86.6730, 2.6262,
-2.3442

■ 86.6730, 2.6262,
-2.3442

■ 255.0000, 0.0000,
0.0000

■ 63.6730, 2.6262,
-2.3442

■ 136.6730, 2.6262,
-2.3442

■ 41.5590, 2.1894,
-2.2442

■ 162.7870, 3.0630,
-2.4442

■ 20.9720, 2.4788,
-1.7294

■ 189.7870, 3.0630,
-2.4442

■ 0.0000, 0.0000,
0.0000

■ 217.4880, 3.2104,
-3.0590

■ 245.7870, 3.0630,
-2.4442

■ 86.6730, 2.6262,
-2.3442

■ 86.6730, 2.6262,
-2.3442

■ 80.4600, 5.6892,
-4.7884

■ 92.8860, -0.4368,
0.1000

■ 74.8340, 8.4628,
-7.7474

■ 98.5120, -3.2104,
3.0590

■ 68.3220, 11.6733,
-10.8064

■ 105.0240, -6.4208,
6.1180

■ 62.1090, 14.7363,
-13.2506

■ 111.2370, -9.4838,
8.5622

■ 55.8960, 17.7993,
-15.6948

■ 117.4500,
-12.5468, 11.0064

■ 50.2700, 20.5729,
-18.6538

■ 123.6630,
-15.6099, 13.4505

■ 44.0570, 23.6359,
-21.0980

■ 129.2890,
-18.3835, 16.4095

■ 37.5450, 26.8463,

■ 135.8010,

-24.1570

-21.5939, 19.4685

■ 31.3320, 29.9093,
-26.6012

■ 142.0140,
-24.6569, 21.9127

Harmonies

Analogous

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



86.2490, 2.3422, -4.6034



86.6730, 2.6262, -2.3442



86.8690, 2.0366, 0.1149

Triad

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



86.6730, 2.6262, -2.3442



87.2780, -1.6161, 5.0182



86.0490, -1.0102, -2.6740

Complementary

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



86.6730, 2.6262, -2.3442



89.3270, -2.6262, 2.3442

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.



86.1310, -2.0366, -0.1149



86.6730, 2.6262, -2.3442



87.3380, -2.6316, 4.0886

Square

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



86.6730, 2.6262, -2.3442



87.3210, -0.1583, 4.1035



86.9140, -2.9156, 1.8294



85.7930, 0.5951, -4.2035

Rectangle

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



86.6730, 2.6262, -2.3442



87.3530, 1.3050, 1.4444



86.9140, -2.9156, 1.8294



86.2340, -1.5944, -1.9592

Sweetspot

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



86.6730, 2.6262, -2.3442



117.6300, 1.1684, -1.4295



89.2660, -0.1311, -4.6183



59.8150, 0.5842, -0.7148



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



86.6730, 2.6262, -2.3442



111.7160, 4.0840, -3.2589



85.2110, 3.3470, -0.1850



42.7440, 1.6052, -1.5295



36.6070, 36.1827, -32.1043



79.2610, 77.7653, -69.5119

Inverse Universe

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



86.7340, 0.1311, 4.6183



112.0440, -0.0217, 6.9774



90.7890, -3.3470, 0.1850



42.7230, 0.1366, 2.8739



37.5640, 1.6939, 63.5264



81.0090, 3.9396, 136.8041

Previews

White Background



This preview shows how the YUV color 86.6730, 2.6262, -2.3442 looks on a white background.

Color Contrast Check

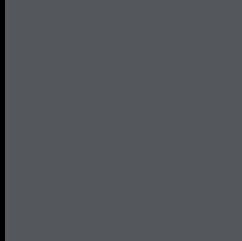
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.6730, 2.6262, -2.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

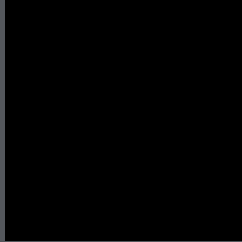
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

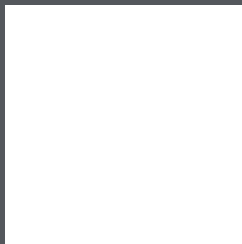
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.6730, 2.6262, -2.3442

Background



This preview shows how black text looks on a background with the YUV color 86.6730, 2.6262, -2.3442.



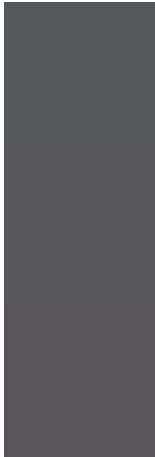
This preview shows how white text looks on a background with the YUV color 86.6730, 2.6262, -2.3442.

-2.3442.

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

86.6730, 2.6262, -2.3442

Protanopia

86.9830, 2.4734, 0.0149

Deuteranopia

87.4180, 2.7519, 4.0184



Tritanopia

86.9010, 3.4998, -2.5442

Trichromacy



Original Color

86.6730, 2.6262, -2.3442

Protanomaly

86.6840, 2.6208, -0.5999

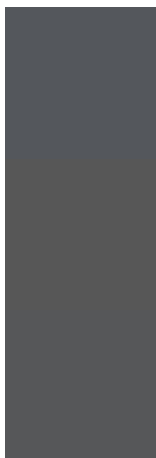
Deuteranomaly

87.1080, 2.9048, 1.6593

Tritanomaly

86.7870, 3.0630, -2.4442

Monochromacy



Original Color

86.6730, 2.6262, -2.3442

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6730, 2.6262, -2.3442 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(84, 87, 92)` looks like.

```
.text, #text, p{  
    color:rgb(84, 87, 92)  
}
```

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(84, 87, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 87, 92) }
```

Border

The CSS property to change the border of an element to YUV 86.6730, 2.6262, -2.3442 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(84, 87, 92) }
```


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

```
.border{ border-color:rgb(84, 87, 92) }
```

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

Here you see how a box with a 4 pixel rgb(84, 87, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 87, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 87, 92);  
box-shadow:4px 4px 4px 4px rgb(84, 87, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.6730, 2.6262, -2.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 87, 92) }
```

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

```
.background{ background-color: rgb(84, 87,  
92) }
```

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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