

Converting Colors

YUV(86.9710, 34.0313,
-42.0706)

Have a look what the booklet for
YUV(86.9710, 34.0313, -42.0706)
contains.

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Color

**YUV(86.9710, 34.0313,
-42.0706)**

Conversions

Conversions Part 1

Format	Color
Hex	27629C
RGB	39, 98, 156
RGB Percent	15%, 38%, 61%
CMY	0.8471, 0.6157, 0.3882
CMYK	0.75, 0.37, 0.00, 0.39
HSL	210°, 60%, 38%
HSV	210°, 75%, 61%
XYZ	11.2051, 11.5670, 33.0946
YIQ	86.9710, -53.7820, 5.5300

Conversions

Conversions Part 2

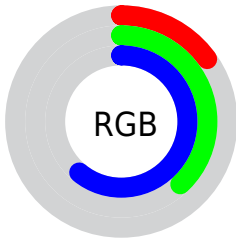
Format	Color
R_{YB}	39, 78, 156
Decimal	2581148
CIE _{Lab}	40.52, 1.55, -37.02
CIE _{LCh}	41, 37.056, 272.396
Yxy	11.5670, 0.2006, 0.2070
Android (android.graphics.Color)	4280771228 (0xFF27629C)
YUV	86.9710, 34.0313, -42.0706
Hunter-Lab	34.0103, -0.7089, -33.8864

Details

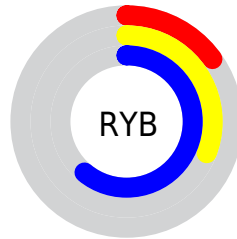
The YUV color **86.9710, 34.0313, -42.0706** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **108.0290, -34.0313, 42.0706**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8300, 34.5938, -35.8079**, and **42.3800, 30.3787, -37.1673** is the 20% darker color. If you saturate the color by 10%, you get **77.4910, 38.7049, -47.7886**, and if you desaturate by 10%, it is **96.4510, 29.3577, -36.3525**.

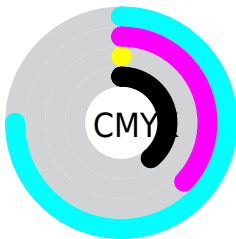
Distribution



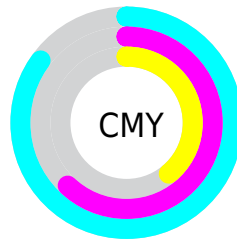
- Red (15%)
- Green (38%)
- Blue (61%)



- Red (15%)
- Yellow (31%)
- Blue (61%)



- Cyan (75%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9710, 34.0313, -42.0706 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 86.9710, 34.0313, -42.0706 by changing the saturation by 10% instead.

■ 86.9710, 34.0313,
-42.0706

■ 86.9710, 34.0313,
-42.0706

■ 255.0000, 0.0000,
0.0000

■ 58.2580, 35.3688,
-51.0923

■ 140.8300, 34.5938,
-35.8079

■ 42.3800, 30.3787,
-37.1673

■ 168.5420, 34.7358,
-34.6783

■ 27.9040, 25.6833,
-24.4718

■ 194.5870, 29.7836,
-32.9638

■ 10.0200, 23.1611,
-8.7875

■ 219.6940, 17.4059,
-29.5496

■ 5.0500, 14.2723,
-4.4289

■ 243.0400, 5.8963,
-24.5911

■ 0.9120, 3.4944,
-0.7998

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 86.9710, 34.0313,
-42.0706

■ 86.9710, 34.0313,
-42.0706

■ 77.4910, 38.7049,
-47.7886

■ 96.4510, 29.3577,
-36.3525

■ 68.8970, 42.9418,
-53.4067

■ 105.0450, 25.1208,
-30.7345

■ 64.1570, 45.2786,
-56.2657

■ 114.5250, 20.4472,
-25.0164

■ 123.7060, 15.9209,
-19.9132

■ 133.1860, 11.2473,
-14.1951

■ 142.0790, 6.8631,
-7.9623

■ 151.2600, 2.3368,
-2.8590

■ 160.7400, -2.3368,
2.8590

■ 169.9210, -6.8631,
7.9623

Harmonies

Analogous

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



79.2080, 34.4075, -69.4654



86.9710, 34.0313, -42.0706



97.7270, 24.2916, 1.9934

Triad

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



86.9710, 34.0313, -42.0706



94.8120, -14.6973, 47.5229



81.6840, -7.7322, -40.0649

Complementary

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



86.9710, 34.0313, -42.0706



108.0290, -34.0313, 42.0706

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.



88.8700, -23.1069, -8.6560



86.9710, 34.0313, -42.0706



94.4610, -25.8633, 35.5527

Square

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



86.9710, 34.0313, -42.0706



96.0690, -1.0200, 47.2975



92.3030, -29.7294, 15.5203



76.2150, 10.2470, -66.8406

Rectangle

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



86.9710, 34.0313, -42.0706



98.3230, 17.0958, 23.3957



92.3030, -29.7294, 15.5203



85.1540, -13.8799, -28.1991

Sweetspot

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



86.9710, 34.0313, -42.0706



176.4460, 13.5841, -17.0541



114.1770, -8.9613, -65.9302



85.1110, 8.3263, -10.6213



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



86.9710, 34.0313, -42.0706



95.5670, 53.4575, -66.2723



53.5120, 50.5266, -12.7270



74.2600, 2.3368, -2.8590



58.5660, 41.6260, -51.3624



6.4060, 4.2368, -5.6181

Inverse Universe

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



80.7090, 8.5245, 66.0302



85.6180, 13.4993, 103.8210



141.4880, -50.5266, 12.7270



73.8480, 0.5679, 4.5183



50.9650, 10.3703, 80.7147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 86.9710, 34.0313, -42.0706 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 × Fail

Black Background



This preview shows how the YUV color 86.9710, 34.0313, -42.0706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

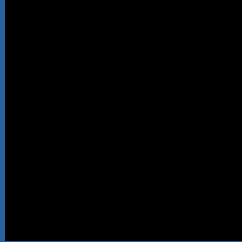
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9710, 34.0313, -42.0706

Background



This preview shows how black text looks on a background with the YUV color 86.9710, 34.0313, -42.0706.



This preview shows how white text looks on a background with the YUV color 86.9710, 34.0313,

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

86.9710, 34.0313, -42.0706

Protanopia

93.7460, 28.7192, -18.1942

Deuteranopia

90.9940, 32.5410, -30.6897



Tritanopia

75.2180, 19.1195, -65.9662

Trichromacy



Original Color

86.9710, 34.0313, -42.0706

Protanomaly

91.4460, 30.3461, -26.7011

Deuteranomaly

89.7870, 33.1360, -34.8932

Tritanomaly

79.3530, 24.4760, -57.3146

Monochromacy



Original Color

86.9710, 34.0313, -42.0706

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1150, 12.2683, -15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9710, 34.0313, -42.0706 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(39, 98, 156)` looks like.

```
.text, #text, p{  
    color:rgb(39, 98, 156)  
}
```

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(39, 98, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 98, 156) }
```

Border

The CSS property to change the border of an element to YUV 86.9710, 34.0313, -42.0706 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(39, 98, 156) }
```


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

```
.border{ border-color:rgb(39, 98, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 98, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 98, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 98, 156);  
box-shadow:4px 4px 4px 4px rgb(39, 98,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 86.9710, 34.0313, -42.0706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 98, 156) }
```

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

```
.background{ background-color: rgb(39, 98,  
156) }
```

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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