

Converting Colors

YUV(89.0860, 32.9886,
-34.2784)

Have a look what the booklet for
YUV(89.0860, 32.9886, -34.2784)
contains.

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Color

**YUV(89.0860, 32.9886,
-34.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	32609C
RGB	50, 96, 156
RGB Percent	20%, 38%, 61%
CMY	0.8039, 0.6235, 0.3882
CMYK	0.68, 0.38, 0.00, 0.39
HSL	214°, 51%, 40%
HSV	214°, 68%, 61%
XYZ	11.4990, 11.4442, 33.0554
YIQ	89.0860, -46.6760, 8.9080

Conversions

Conversions Part 2

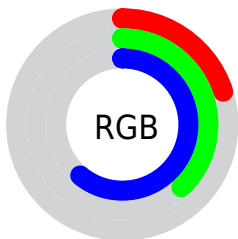
Format	Color
R_{YB}	50, 82, 156
Decimal	3301532
CIE _{Lab}	40.32, 4.54, -37.32
CIE _{LCh}	40, 37.592, 276.936
Yxy	11.4442, 0.2053, 0.2044
Android (android.graphics.Color)	4281491612 (0xFF32609C)
YUV	89.0860, 32.9886, -34.2784
Hunter-Lab	33.8292, 1.4735, -34.2533

Details

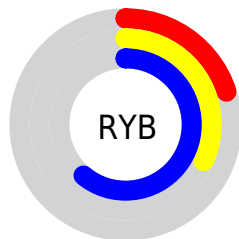
The YUV color **89.0860, 32.9886, -34.2784** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **116.9140, -32.9886, 34.2784**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0480, 33.9933, -29.8601**, and **41.2060, 30.9574, -36.1377** is the 20% darker color. If you saturate the color by 10%, you get **79.0190, 37.9516, -39.4817**, and if you desaturate by 10%, it is **99.1530, 28.0256, -29.0752**.

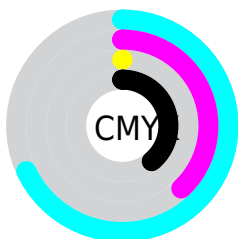
Distribution



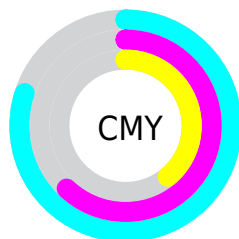
- Red (20%)
- Green (38%)
- Blue (61%)



- Red (20%)
- Yellow (32%)
- Blue (61%)



- Cyan (68%)
- Magenta (38%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0860, 32.9886, -34.2784 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 89.0860, 32.9886, -34.2784 by changing the saturation by 10% instead.

■ 89.0860, 32.9886,
-34.2784

■ 89.0860, 32.9886,
-34.2784

■ 255.0000, 0.0000,
0.0000

■ 60.3620, 34.3315,
-45.0445

■ 142.0480, 33.9933,
-29.8601

■ 41.2060, 30.9574,
-36.1377

■ 169.4610, 34.2827,
-29.3453

■ 26.7300, 26.2621,
-23.4422

■ 195.5060, 29.3305,
-27.6308

■ 8.2590, 24.0293,
-7.2431

■ 220.6130, 16.9528,
-24.2166

■ 5.0500, 14.2723,
-4.4289

■ 245.1330, 4.8644,
-20.2876

■ 0.9120, 3.4944,
-0.7998

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 89.0860, 32.9886,
-34.2784

■ 89.0860, 32.9886,
-34.2784

■ 79.0190, 37.9516,
-39.4817

■ 99.1530, 28.0256,
-29.0752

■ 69.2510, 42.7673,
-44.0701

■ 108.9210, 23.2099,
-24.4867

■ 59.7710, 47.4409,
-49.7882

■ 118.4010, 18.5363,
-18.7687

■ 57.7000, 48.4619,
-50.6029

■ 128.1690, 13.7207,
-14.1802

■ 138.2360, 8.7577,
-8.9770

■ 148.3030, 3.7946,
-3.7737

■ 158.0710, -1.0210,
0.8147

■ 168.1380, -5.9840,
6.0180

■ 177.3190,
-10.5103, 11.1212

Harmonies

Analogous

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



78.8490, 35.5704, -69.1506



89.0860, 32.9886, -34.2784



97.4180, 22.9649, 7.5264

Triad

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



89.0860, 32.9886, -34.2784



93.9430, -16.7339, 47.4080



78.2530, -4.0687, -48.4569

Complementary

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



89.0860, 32.9886, -34.2784



116.9140, -32.9886, 34.2784

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.



87.7770, -22.0751, -12.9594



89.0860, 32.9886, -34.2784



93.3960, -27.3102, 32.9787

Square

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



89.0860, 32.9886, -34.2784



95.2110, -3.0620, 48.9270



91.1670, -30.1553, 12.1315



76.0840, 12.2836, -66.7257

Rectangle

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



89.0860, 32.9886, -34.2784



98.1880, 15.1903, 27.8991



91.1670, -30.1553, 12.1315



83.1040, -11.3903, -33.4172

Sweetspot

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



89.0860, 32.9886, -34.2784



178.2400, 12.6997, -13.3655



118.8340, -5.3412, -60.3674



86.6060, 7.5892, -7.5475



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.



89.0860, 32.9886, -34.2784



98.3020, 52.1091, -53.7619



63.5790, 45.5636, -7.5238



74.2600, 2.3368, -2.8590



52.6960, 44.5199, -46.2144



5.8190, 4.5262, -5.1033

Inverse Universe

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



86.9380, 4.4676, 60.5674



95.1410, 6.8325, 95.4693



142.4210, -45.5636, 7.5238



73.8480, 0.5679, 4.5183



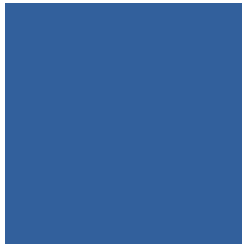
49.8250, 6.0023, 81.7145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 89.0860, 32.9886, -34.2784 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 89.0860, 32.9886, -34.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

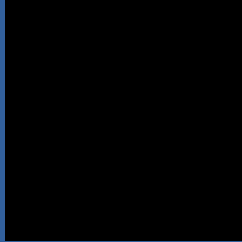
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0860, 32.9886, -34.2784

Background



This preview shows how black text looks on a background with the YUV color 89.0860, 32.9886, -34.2784.



This preview shows how white text looks on a background with the YUV color 89.0860, 32.9886,

-34.2784.

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

89.0860, 32.9886, -34.2784

Protanopia

93.2620, 29.4508, -19.5238

Deuteranopia

89.9940, 32.5410, -30.6897



Tritanopia

79.8990, 16.3188, -54.2854

Trichromacy



Original Color

89.0860, 32.9886, -34.2784

Protanomaly

91.5710, 30.7775, -25.0568

Deuteranomaly

89.3960, 32.8358, -31.9193

Tritanomaly

83.5500, 22.4069, -46.9633

Monochromacy



Original Color

89.0860, 32.9886, -34.2784

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3110, 11.6787, -12.5507

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0860, 32.9886, -34.2784 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(50, 96, 156)` looks like.

```
.text, #text, p{  
    color:rgb(50, 96, 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(50, 96, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 96, 156) }
```

Border

The CSS property to change the border of an element to YUV 89.0860, 32.9886, -34.2784 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(50, 96, 156) }
```


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

```
.border{ border-color:rgb(50, 96, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 96, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 96, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 96, 156);  
box-shadow:4px 4px 4px 4px rgb(50, 96,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 89.0860, 32.9886, -34.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 96, 156) }
```

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

```
.background{ background-color: rgb(50, 96,  
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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