

Converting Colors

YUV(82.9960, 63.1060,
-34.1995)

Have a look what the booklet for
YUV(82.9960, 63.1060, -34.1995)
contains.

YUV(82.9960, 63.1060, -34.1995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.9960, 63.1060,
-34.1995)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4ED3
RGB	44, 78, 211
RGB Percent	17%, 31%, 83%
CMY	0.8275, 0.6941, 0.1725
CMYK	0.79, 0.63, 0.00, 0.17
HSL	228°, 65%, 50%
HSV	228°, 79%, 83%
XYZ	15.5210, 10.6874, 62.8728
YIQ	82.9960, -62.9570, 34.1550

Conversions

Conversions Part 2

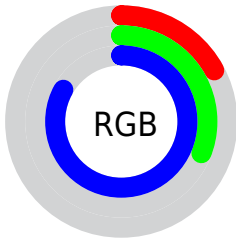
Format	Color
R_{YB}	44, 72, 211
Decimal	2903763
CIE _{Lab}	39.05, 36.01, -71.63
CIE _{LCh}	39, 80.177, 296.691
Yxy	10.6874, 0.1742, 0.1200
Android (android.graphics.Color)	4281093843 (0xFF2C4ED3)
YUV	82.9960, 63.1060, -34.1995
Hunter-Lab	32.6916, 27.5361, -91.1431




Details

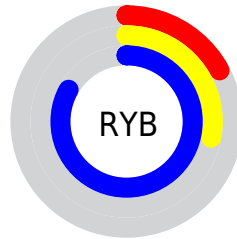
The YUV color **82.9960, 63.1060, -34.1995** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **172.0040, -63.1060, 34.1995**, and the grayscale version is **82.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **138.6020, 57.3842, -18.9450**, and **38.2150, 57.5750, -33.5146** is the 20% darker color. If you saturate the color by 10%, you get **66.7380, 71.1212, -38.3582**, and if you desaturate by 10%, it is **99.2540, 55.0908, -30.0408**.

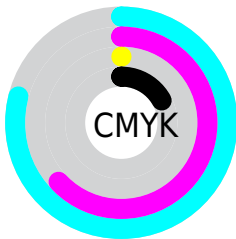
Distribution







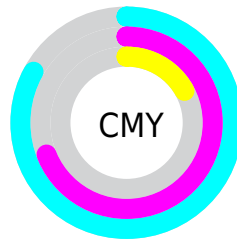
-  Red (17%)
-  Green (31%)
-  Blue (83%)






-  Red (17%)
-  Yellow (28%)
-  Blue (83%)



-  Cyan (79%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (17%)



-  Cyan (83%)
-  Magenta (69%)
-  Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9960, 63.1060, -34.1995 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 82.9960, 63.1060, -34.1995 by changing the saturation by 10% instead.

■ 82.9960, 63.1060,
-34.1995

■ 82.9960, 63.1060,
-34.1995

■ 255.0000, 0.0000,
0.0000

■ 53.1470, 64.0175,
-46.6099

■ 138.6020, 57.3842,
-18.9450

■ 38.2150, 57.5750,
-33.5146

■ 163.1330, 45.2904,
-13.2716

■ 24.5710, 50.9905,
-21.5488

■ 187.6640, 33.1966,
-7.5983

■ 11.6280, 44.5534,
-10.1978

■ 213.0700, 20.6715,
-3.5694

■ 14.6480, 30.7395,
-12.8463

■ 238.7750, 7.9989,
1.0743

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 82.9960, 63.1060,
-34.1995

■ 82.9960, 63.1060,
-34.1995

■ 66.7380, 71.1212,
-38.3582

■ 99.2540, 55.0908,
-30.0408

■ 50.4800, 79.1364,
-42.5170

■ 115.5120, 47.0756,
-25.8820

■ 49.2950, 79.7206,
-43.2317

■ 131.1830, 39.3498,
-21.2085

■ 147.4410, 31.3346,
-17.0498

■ 163.9980, 23.1720,
-12.2762

■ 180.2560, 15.1568,
-8.1175

■ 196.5140, 7.1416,
-3.9588

■ 212.1850, -0.5842,
0.7148

■ 228.4430, -8.5994,
4.8735

Harmonies

Analogous

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



86.6980, 68.1829, -76.0341



82.9960, 63.1060, -34.1995



79.2650, 42.2674, 69.9276

Triad

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



82.9960, 63.1060, -34.1995



81.6310, -40.2441, 74.8686



77.5540, 2.6849, -68.0149

Complementary

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



82.9960, 63.1060, -34.1995



172.0040, -63.1060, 34.1995

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.



66.3310, -32.7012, -58.1723



82.9960, 63.1060, -34.1995



86.6500, -42.7184, 28.3710

Square

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



82.9960, 63.1060, -34.1995



62.7510, -11.7092, 115.9824



77.7810, -38.3460, -20.8559



86.3660, 31.3716, -75.7430

Rectangle

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



82.9960, 63.1060, -34.1995



70.6470, 26.3030, 103.7956



77.7810, -38.3460, -20.8559



74.8180, -7.7983, -65.6154

Sweetspot

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



82.9960, 63.1060, -34.1995



207.9980, 23.1720, -12.2762



156.9630, 8.8922, -99.0686



99.3270, 14.1358, -7.3028



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



82.9960, 63.1060, -34.1995



69.3510, 91.5250, -49.4198



77.0910, 66.0171, 12.1982



96.4280, 4.2260, -2.1294



39.1100, 63.5428, -34.2995



9.3700, 15.5936, -8.2175

Inverse Universe

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



97.8090, -9.7658, 99.2685



90.9440, -14.2694, 143.8771



177.9090, -66.0171, -12.1982



97.5170, -0.7479, 6.5626



54.1080, -9.9132, 99.8833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 82.9960, 63.1060, -34.1995 looks on a white background.

Color Contrast Check

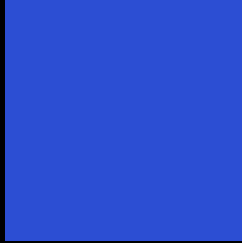
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.9960, 63.1060, -34.1995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

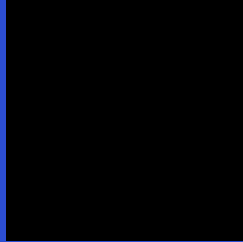
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9960, 63.1060, -34.1995

Background



This preview shows how black text looks on a background with the YUV color 82.9960, 63.1060, -34.1995.



This preview shows how white text looks on a background with the YUV color 82.9960, 63.1060,

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

82.9960, 63.1060, -34.1995

Protanopia

72.8600, 55.7780, -63.8982

Deuteranopia

73.4180, 42.6849, -64.3876



Tritanopia

71.5990, 17.9457, -62.7923

Trichromacy



Original Color

82.9960, 63.1060, -34.1995

Protanomaly

76.3220, 58.5083, -52.9024

Deuteranomaly

76.8460, 50.3619, -53.3619

Tritanomaly

75.9050, 34.0638, -52.5367

Monochromacy



Original Color

82.9960, 63.1060, -34.1995

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9980, 23.1720, -12.2762

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9960, 63.1060, -34.1995 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(44, 78, 211)` looks like.

```
.text, #text, p{  
    color:rgb(44, 78, 211)  
}
```

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(44, 78, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 78, 211) }
```

Border

The CSS property to change the border of an element to YUV 82.9960, 63.1060, -34.1995 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(44, 78, 211) }
```


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

```
.border{ border-color:rgb(44, 78, 211) }
```

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

Here you see how a box with a 4 pixel rgb(44, 78, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 78, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 78, 211);  
box-shadow:4px 4px 4px 4px rgb(44, 78,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 82.9960, 63.1060, -34.1995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 78, 211) }
```

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

```
.background{ background-color: rgb(44, 78,  
211) }
```

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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