

Converting Colors

YUV(84.1650, -34.0983,
-29.9627)

Have a look what the booklet for
YUV(84.1650, -34.0983, -29.9627)
contains.

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Color

**YUV(84.1650, -34.0983,
-29.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	32730F
RGB	50, 115, 15
RGB Percent	20%, 45%, 6%
CMY	0.8039, 0.5490, 0.9412
CMYK	0.57, 0.00, 0.87, 0.55
HSL	99°, 77%, 25%
HSV	99°, 87%, 45%
XYZ	7.5324, 12.9741, 2.5592
YIQ	84.1650, -6.6400, -44.8800

Conversions

Conversions Part 2

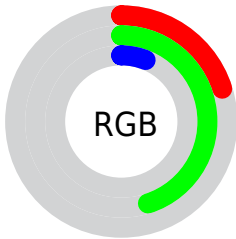
Format	Color
R_{YB}	15, 115, 80
Decimal	3306255
CIE Lab	42.72, -38.35, 43.96
CIE LCh	43, 58.339, 131.105
Yxy	12.9741, 0.3266, 0.5625
Android (android.graphics.Color)	4281496335 (0xFF32730F)
YUV	84.1650, -34.0983, -29.9627
Hunter-Lab	36.0195, -25.7065, 21.0011

Details

The YUV color **84.1650, -34.0983, -29.9627** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **45.8350, 34.0983, 29.9627**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5780, -33.8090, -29.4479**, and **38.7420, -19.0998, -33.9767** is the 20% darker color. If you saturate the color by 10%, you get **80.7040, -38.3081, -33.0664**, and if you desaturate by 10%, it is **87.6260, -29.8886, -26.8590**.

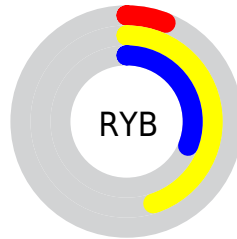
Distribution



 Red (20%)

 Green (45%)

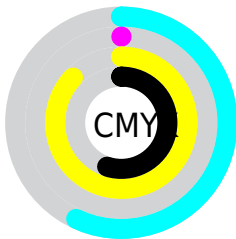
 Blue (6%)




 Red (6%)

 Yellow (45%)

 Blue (31%)

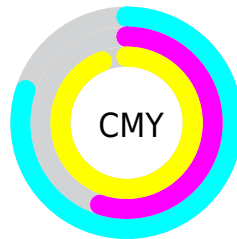


 Cyan (57%)


 Magenta (0%)

 Yellow (87%)

 Black (55%)



 Cyan (80%)

 Magenta (55%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1650, -34.0983, -29.9627 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 84.1650, -34.0983, -29.9627 by changing the saturation by 10% instead.

■ 84.1650, -34.0983,
-29.9627

■ 84.1650, -34.0983,
-29.9627

255.0000, 0.0000,
0.0000

■ 58.5110, -28.8459,
-34.6511

■ 137.5780,
-33.8090, -29.4479

■ 38.7420, -19.0998,
-33.9767

■ 164.3500,
-34.6825, -29.2479

■ 25.2410, -12.4438,
-22.1364

■ 192.1220,
-35.5561, -29.0480

■ 9.9790, -4.9196,
-8.7516


■ 220.5950,
-36.2823, -29.4628


■ 0.0000, 0.0000,
0.0000


■ 234.1050,
-29.6318, -15.8781


■ 245.9680,


-21.6762, -0.8489


 252.2640,
-10.4832, 2.3995


 84.1650, -34.0983,
-29.9627


 84.1650, -34.0983,
-29.9627


 80.7040, -38.3081,
-33.0664


 87.6260, -29.8886,
-26.8590

 79.4650, -39.1762,
-34.6108

 91.2720, -26.2631,
-23.0405

 94.6190, -22.4902,
-19.8369

 98.3790, -18.4278,
-16.1184

 101.8400,
-14.2181, -13.0147

■ 105.4860,
-10.5926, -9.1962

■ 108.9470, -6.3829,
-6.0925

■ 112.5930, -2.7573,
-2.2741

■ 116.0540, 1.4524,
0.8296

Harmonies

Analogous

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



92.7420, -45.7218, 11.6273



84.1650, -34.0983, -29.9627



78.1920, -5.0247, -68.5744

Triad

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



84.1650, -34.0983, -29.9627



89.3930, 50.5853, -78.3977



92.0070, -3.4545, 81.5549

Complementary

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



84.1650, -34.0983, -29.9627



45.8350, 34.0983, 29.9627

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.



97.9890, 17.2604, 64.0306



84.1650, -34.0983, -29.9627



81.6310, 56.3839, -71.5904

Square

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



84.1650, -34.0983, -29.9627



89.7230, 36.6186, -78.6871



103.2850, 34.8625, 18.1671



94.3390, -27.2821, 70.7397

Rectangle

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



84.1650, -34.0983, -29.9627



83.1280, 8.8109, -72.9033



103.2850, 34.8625, 18.1671



92.9450, 3.9711, 79.8552

Sweetspot

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



84.1650, -34.0983, -29.9627



138.0790, -13.3499, -11.4703



83.0550, -33.5511, 28.0158



69.4800, -8.1246, -7.4370



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.1650, -34.0983, -29.9627



103.8970, -51.2212, -44.6367



75.4100, -22.3871, -52.9796



57.1200, -2.0312, -1.8592



84.4710, -41.6442, -36.3701



172.7630, -85.1722, -75.2142

Inverse Universe

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



45.8350, 34.0983, 29.9627



46.4020, 51.0738, 45.2514



54.5900, 22.3871, 52.9796



54.8800, 2.0312, 1.8592



37.8280, 41.4968, 36.9848



76.9380, 85.3196, 74.5994

Previews

White Background



This preview shows how the YUV color 84.1650, -34.0983, -29.9627 looks on a white background.

Color Contrast Check

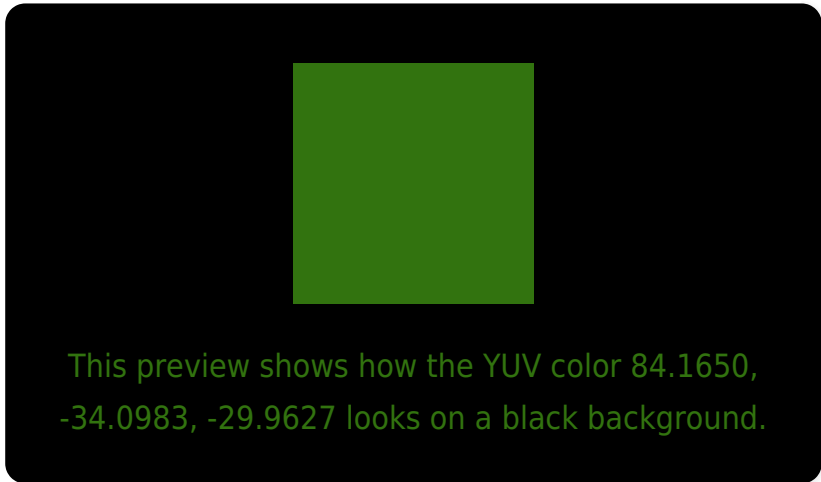
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 84.1650, -34.0983, -29.9627

Background



This preview shows how black text looks on a background with the YUV color 84.1650, -34.0983, -29.9627.



This preview shows how white text looks on a background with the YUV color 84.1650, -34.0983, -29.9627.

-29.9627.

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

84.1650, -34.0983, -29.9627

Protanopia

94.2140, -41.5175, 16.4753

Deuteranopia

96.6310, -33.8351, 25.7566



Tritanopia

96.0660, 9.8275, -25.4909

Trichromacy



Original Color

84.1650, -34.0983, -29.9627

Protanomaly

90.5000, -38.7005, -0.4385

Deuteranomaly

91.7980, -33.9174, 5.4392

Tritanomaly

91.8150, -6.3178, -27.0248

Monochromacy



Original Color

84.1650, -34.0983, -29.9627

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0190, -12.3344, -10.5407

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1650, -34.0983, -29.9627 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, 115, 15)` looks like.

```
.text, #text, p{  
    color:rgb(50, 115, 15)  
}
```

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, 115, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 115, 15) }
```

Border

The CSS property to change the border of an element to YUV 84.1650, -34.0983, -29.9627 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, 115, 15) }
```


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

```
.border{ border-color:rgb(50, 115, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 115, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 115, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 115, 15);  
box-shadow:4px 4px 4px 4px rgb(50, 115,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 84.1650, -34.0983, -29.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 115, 15) }
```

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

```
.background{ background-color: rgb(50, 115,  
15) }
```

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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