

Converting Colors

YUV(76.1100, -34.0712,
-38.6845)

Have a look what the booklet for
YUV(76.1100, -34.0712, -38.6845)
contains.

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Color

**YUV(76.1100, -34.0712,
-38.6845)**

Conversions

Conversions Part 1

Format	Color
Hex	207007
RGB	32, 112, 7
RGB Percent	13%, 44%, 3%
CMY	0.8745, 0.5608, 0.9725
CMYK	0.71, 0.00, 0.94, 0.56
HSL	106°, 88%, 23%
HSV	106°, 94%, 44%
XYZ	6.4282, 11.9108, 2.1612
YIQ	76.1100, -13.9750, -49.6150

Conversions

Conversions Part 2

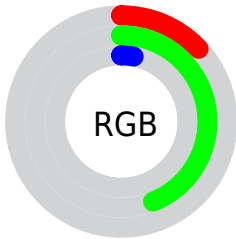
Format	Color
RYB	7, 112, 87
Decimal	2125831
CIELab	41.07, -42.29, 44.25
CIELCh	41, 61.213, 133.705
Yxy	11.9108, 0.3136, 0.5810
Android (android.graphics.Color)	4280315911 (0xFF207007)
YUV	76.1100, -34.0712, -38.6845
Hunter-Lab	34.5120, -27.1486, 20.4455

Details

The YUV color **76.1100, -34.0712, -38.6845** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **42.8900, 34.0712, 38.6845**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0610, -33.0611, -36.0105**, and **36.9810, -18.2316, -32.4323** is the 20% darker color. If you saturate the color by 10%, you get **73.8170, -36.3918, -41.0585**, and if you desaturate by 10%, it is **80.0550, -30.5931, -34.2512**.

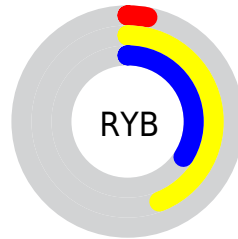
Distribution



Red (13%)

Green (44%)

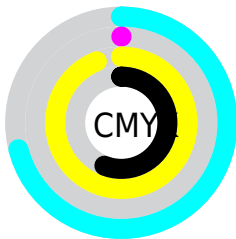
Blue (3%)



Red (3%)

Yellow (44%)

Blue (34%)

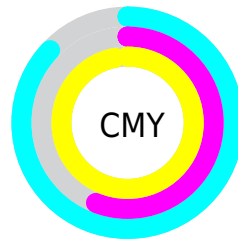


Cyan (71%)

Magenta (0%)

Yellow (94%)

Black (56%)



Cyan (87%)

Magenta (56%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1100, -34.0712, -38.6845 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 76.1100, -34.0712, -38.6845 by changing the saturation by 10% instead.

■ 76.1100, -34.0712,
-38.6845

■ 76.1100, -34.0712,
-38.6845

254.8860, -0.4368,
0.1000

■ 51.0690, -25.1770,
-44.7875

■ 131.0610,
-33.0611, -36.0105

■ 36.9810, -18.2316,
-32.4323

■ 157.8330,
-33.9347, -35.8105

■ 24.0670, -11.8650,
-21.1068

■ 185.6050,
-34.8083, -35.6106

■ 4.1090, -2.0257,
-3.6036


■ 214.0780,
-35.5345, -36.0254


■ 0.0000, 0.0000,
0.0000


■ 229.3490,
-29.7521, -23.9851


■ 241.2120,


-21.7965, -8.9559


 251.5800,
-13.1039, 2.9993


 76.1100, -34.0712,
-38.6845


 76.1100, -34.0712,
-38.6845


 73.8170, -36.3918,
-41.0585

 80.0550, -30.5931,
-34.2512

 83.7010, -26.9676,
-30.4328

 87.7600, -23.0527,
-26.0995

 91.4060, -19.4272,
-22.2811

 95.3510, -15.9490,
-17.8478

■ 98.9970, -12.3235,
-14.0294

■ 102.9420, -8.8454,
-9.5961

■ 106.7020, -4.7831,
-5.8777

■ 110.6470, -1.3050,
-1.4444

Harmonies

Analogous

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



88.8770, -43.8164, 7.1239



76.1100, -34.0712, -38.6845



76.3170, -4.5933, -66.9300

Triad

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



76.1100, -34.0712, -38.6845



86.6860, 52.9058, -76.0236



84.2250, -4.0549, 87.5027

Complementary

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



76.1100, -34.0712, -38.6845



42.8900, 34.0712, 38.6845

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.



90.1470, 17.6755, 70.9081



76.1100, -34.0712, -38.6845



78.1090, 58.1203, -68.5016

Square

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



76.1100, -34.0712, -38.6845



87.6030, 38.6497, -76.8278



98.7310, 35.1356, 23.9149



88.9540, -30.0503, 71.9543

Rectangle

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



76.1100, -34.0712, -38.6845



81.4810, 10.1159, -71.4588



98.7310, 35.1356, 23.9149



84.1030, 4.3862, 86.7327

Sweetspot

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



76.1100, -34.0712, -38.6845



131.1710, -12.9023, -15.0590



84.7680, -38.3396, 23.8825



65.4690, -8.1192, -9.1813



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



76.1100, -34.0712, -38.6845



95.5800, -47.1209, -53.1287



71.5990, -19.0293, -56.6533



54.1200, -2.0312, -1.8592



79.1110, -39.0017, -43.9473



162.6300, -80.1766, -90.8835

Inverse Universe

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



42.8900, 34.0712, 38.6845



49.7190, 46.9735, 53.7434



47.4010, 19.0293, 56.6533



52.1790, 1.8838, 2.4740



40.8890, 39.0017, 43.9473



84.3700, 80.1766, 90.8835

Previews

White Background



This preview shows how the YUV color 76.1100, -34.0712, -38.6845 looks on a white background.

Color Contrast Check

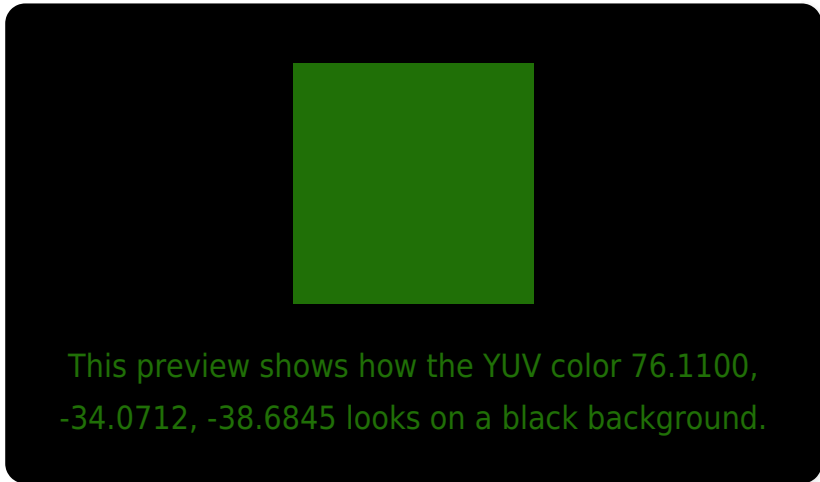
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.1100, -34.0712, -38.6845 Background



This preview shows how black text looks on a background with the YUV color 76.1100, -34.0712, -38.6845.



This preview shows how white text looks on a background with the YUV color 76.1100, -34.0712,

-38.6845.

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

76.1100, -34.0712, -38.6845

Protanopia

89.5300, -44.1383, 17.0752

Deuteranopia

93.0330, -33.5403, 24.5271



Tritanopia

90.3750, 11.1541, -31.0239

Trichromacy



Original Color

76.1100, -34.0712, -38.6845

Protanomaly

84.4350, -40.1475, -3.0125

Deuteranomaly

86.7760, -33.9066, 1.9504

Tritanomaly

85.2980, -5.5699, -33.5873

Monochromacy



Original Color

76.1100, -34.0712, -38.6845

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9970, -12.3235, -14.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1100, -34.0712, -38.6845 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(32, 112, 7)` looks like.

```
.text, #text, p{  
    color:rgb(32, 112, 7)  
}
```

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(32, 112, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 112, 7) }
```

Border

The CSS property to change the border of an element to YUV 76.1100, -34.0712, -38.6845 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(32, 112, 7) }
```


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

```
.border{ border-color:rgb(32, 112, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 112, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 112, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 112, 7);  
box-shadow:4px 4px 4px 4px rgb(32, 112, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.1100, -34.0712, -38.6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 112, 7) }
```

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

```
.background{ background-color: rgb(32, 112,  
7) }
```

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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