

Converting Colors

YUV(79.5120, -13.5634,
-36.4060)

Have a look what the booklet for
YUV(79.5120, -13.5634, -36.4060)
contains.

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Color

**YUV(79.5120, -13.5634,
-36.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	266A34
RGB	38, 106, 52
RGB Percent	15%, 42%, 20%
CMY	0.8510, 0.5843, 0.7961
CMYK	0.64, 0.00, 0.51, 0.58
HSL	132°, 47%, 28%
HSV	132°, 64%, 42%
XYZ	6.5732, 10.9681, 5.0194
YIQ	79.5120, -23.1940, -31.2100

Conversions

Conversions Part 2

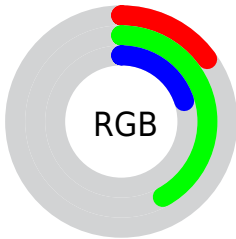
Format	Color
R_{YB}	38, 94, 106
Decimal	2517556
CIE _{Lab}	39.53, -34.10, 24.02
CIE _{LCh}	40, 41.716, 144.840
Yxy	10.9681, 0.2914, 0.4862
Android (android.graphics.Color)	4280707636 (0xFF266A34)
YUV	79.5120, -13.5634, -36.4060
Hunter-Lab	33.1181, -22.5284, 14.1966

Details

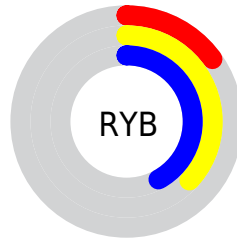
The YUV color **79.5120, -13.5634, -36.4060** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **64.4880, 13.5634, 36.4060**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3550, -15.4580, -35.3913**, and **34.8440, -13.7271, -30.5582** is the 20% darker color. If you saturate the color by 10%, you get **75.3110, -15.4363, -42.3687**, and if you desaturate by 10%, it is **83.7130, -11.6905, -30.4433**.

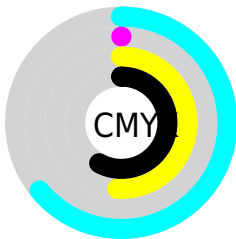
Distribution



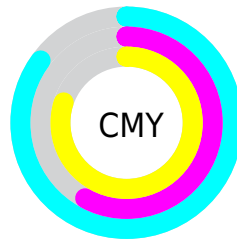
- Red (15%)
- Green (42%)
- Blue (20%)



- Red (15%)
- Yellow (37%)
- Blue (42%)



- Cyan (64%)
- Magenta (0%)
- Yellow (51%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5120, -13.5634, -36.4060 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 79.5120, -13.5634, -36.4060 by changing the saturation by 10% instead.

■ 79.5120, -13.5634,
-36.4060

■ 79.5120, -13.5634,
-36.4060

255.0000, 0.0000,
0.0000

■ 52.1630, -10.9264,
-42.2390

■ 131.3550,
-15.4580, -35.3913

■ 34.8440, -13.7271,
-30.5582

■ 157.8280,
-16.1842, -35.8062

■ 21.7190, -10.7075,
-19.0476

■ 185.3010,
-16.9104, -36.2210

■ 0.0000, 0.0000,
0.0000

■ 213.7740,
-17.6366, -36.6358

■ 232.9690,
-13.2957, -28.9138

■ 244.5330, -5.1928,

-14.4994

■ 79.5120, -13.5634,
-36.4060

■ 79.5120, -13.5634,
-36.4060

■ 75.3110, -15.4363,
-42.3687

■ 83.7130, -11.6905,
-30.4433

■ 71.2950, -17.8934,
-47.6167

■ 87.7290, -9.2334,
-25.1953

■ 67.0940, -19.7663,
-53.5794

■ 91.9300, -7.3605,
-19.2326

■ 64.7300, -21.0659,
-56.7682

■ 95.9460, -4.9034,
-13.9846

■ 100.1470, -3.0305,
-8.0219

■ 104.4620, -0.7208,
-2.1592

■ 108.3640, 1.2995,
3.1888

■ 112.5650, 3.1725,
9.1515

■ 116.5810, 5.6296,
14.3995

Harmonies

Analogous

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



86.4810, -29.8171, -3.0528



79.5120, -13.5634, -36.4060



73.7870, 6.0210, -64.7112

Triad

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



79.5120, -13.5634, -36.4060



76.4670, 41.6748, -67.0616



91.2520, -11.9562, 55.0300

Complementary

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



79.5120, -13.5634, -36.4060



64.4880, 13.5634, 36.4060

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.



92.9430, 3.4791, 50.9160



79.5120, -13.5634, -36.4060



93.5560, 30.2919, -9.2576

Square

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



79.5120, -13.5634, -36.4060



79.0940, 33.9707, -69.3654



95.9970, 18.2425, 28.9436



91.1030, -26.1798, 43.7597

Rectangle

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



79.5120, -13.5634, -36.4060



76.9960, 15.7780, -67.5255



95.9970, 18.2425, 28.9436



91.6310, -6.7201, 55.5746

Sweetspot

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



79.5120, -13.5634, -36.4060



127.8320, -5.3402, -13.8847



94.0620, -27.6386, -1.8084



62.7340, -3.3199, -8.5367



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



79.5120, -13.5634, -36.4060



96.7300, -21.0659, -56.7682



83.3880, 1.2877, -39.8053



51.6360, -1.2995, -3.1888



71.4150, -23.3756, -62.6310



149.5150, -49.0609, -131.1247

Inverse Universe

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



64.4880, 13.5634, 36.4060



73.2700, 21.0659, 56.7682



60.6120, -1.2877, 39.8053



50.2500, 0.8628, 3.2887



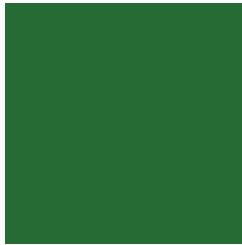
45.5850, 23.3756, 62.6310



95.3710, 48.6241, 131.2246

Previews

White Background



This preview shows how the YUV color 79.5120, -13.5634, -36.4060 looks on a white background.

Color Contrast Check

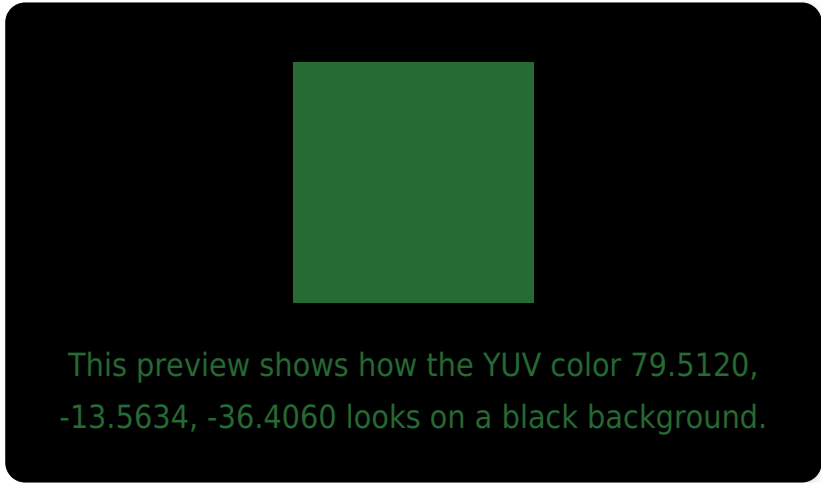
Large Text (above 18pt) WCAG AA ✓ Pass

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

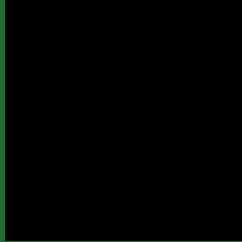
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5120, -13.5634, -36.4060

Background



This preview shows how black text looks on a background with the YUV color 79.5120, -13.5634, -36.4060.



This preview shows how white text looks on a background with the YUV color 79.5120, -13.5634,

-36.4060.

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

79.5120, -13.5634, -36.4060

Protanopia

90.4470, -21.4194, 10.1320

Deuteranopia

91.5280, -17.5153, 17.9539



Tritanopia

87.1580, 10.2751, -29.0796

Trichromacy



Original Color

79.5120, -13.5634, -36.4060

Protanomaly

86.7330, -18.6024, -6.7818

Deuteranomaly

87.4500, -15.9978, -2.1486

Tritanomaly

84.2580, 1.8448, -31.7983

Monochromacy



Original Color

79.5120, -13.5634, -36.4060

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6580, -4.7614, -12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5120, -13.5634, -36.4060 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(38, 106, 52)` looks like.

```
.text, #text, p{  
    color:rgb(38, 106, 52)  
}
```

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(38, 106, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 106, 52) }
```

Border

The CSS property to change the border of an element to YUV 79.5120, -13.5634, -36.4060 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(38, 106, 52) }
```


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

```
.border{ border-color:rgb(38, 106, 52) }
```

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

Here you see how a box with a 4 pixel rgb(38, 106, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 106, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 106, 52);  
box-shadow:4px 4px 4px 4px rgb(38, 106,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 79.5120, -13.5634, -36.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 106, 52) }
```

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

```
.background{ background-color: rgb(38, 106,  
52) }
```

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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