

Converting Colors

YUV(49.6040, -6.2138, -13.6847)

Have a look what the booklet for
YUV(49.6040, -6.2138, -13.6847)
contains.

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Color

**YUV(49.6040, -6.2138,
-13.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	223C25
RGB	34, 60, 37
RGB Percent	13%, 24%, 15%
CMY	0.8667, 0.7647, 0.8549
CMYK	0.43, 0.00, 0.38, 0.76
HSL	127°, 28%, 18%
HSV	127°, 43%, 24%
XYZ	2.6095, 3.7054, 2.3279
YIQ	49.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

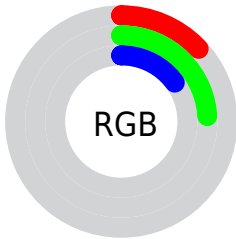
Format	Color
R_{YB}	34, 57, 60
Decimal	2243621
CIE _{Lab}	22.67, -15.85, 11.17
CIE _{LCh}	23, 19.393, 144.841
Y _{xy}	3.7054, 0.3019, 0.4287
Android (android.graphics.Color)	4280433701 (0xFF223C25)
Y _{UV}	49.6040, -6.2138, -13.6847
Hunter-Lab	19.2493, -9.4886, 6.3042

Details

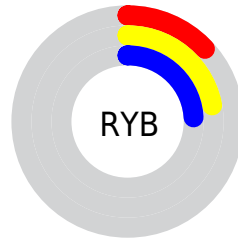
The YUV color **49.6040, -6.2138, -13.6847** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44.3960, 6.2138, 13.6847**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6640, -7.2294, -14.6143**, and **9.9790, -4.9196, -8.7516** is the 20% darker color. If you saturate the color by 10%, you get **47.2400, -7.5133, -16.8735**, and if you desaturate by 10%, it is **51.9680, -4.9142, -10.4959**.

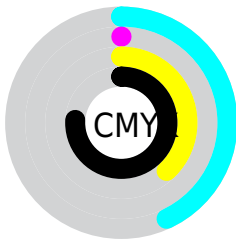
Distribution



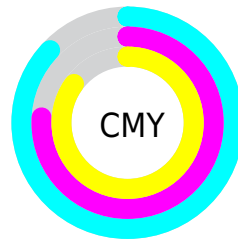
- Red (13%)
- Green (24%)
- Blue (15%)



- Red (13%)
- Yellow (22%)
- Blue (24%)



- Cyan (43%)
- Magenta (0%)
- Yellow (38%)
- Black (76%)



- Cyan (87%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6040, -6.2138, -13.6847 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 49.6040, -6.2138, -13.6847 by changing the saturation by 10% instead.

■ 49.6040, -6.2138,
-13.6847

■ 49.6040, -6.2138,
-13.6847

255.0000, 0.0000,
0.0000

■ 28.0170, -5.9244,
-13.1699

■ 96.6640, -7.2294,
-14.6143

■ 9.9790, -4.9196,
-8.7516

■ 121.2510, -7.5187,
-15.1291

■ 0.0000, 0.0000,
0.0000

■ 147.1370, -7.9555,
-15.0291

■ 173.7240, -8.2449,
-15.5439

■ 201.3110, -8.5343,
-16.0587

■ 229.3110, -8.5343,

-16.0587

■ 248.5060, -4.1935,
-8.3368

■ 49.6040, -6.2138,
-13.6847

■ 49.6040, -6.2138,
-13.6847

■ 47.2400, -7.5133,
-16.8735

■ 51.9680, -4.9142,
-10.4959

■ 44.7620, -9.2497,
-19.9623

■ 54.4460, -3.1779,
-7.4071

■ 42.3980, -10.5492,
-23.1510

■ 56.8100, -1.8783,
-4.2184

■ 40.0340, -11.8488,
-26.3398

■ 59.1740, -0.5788,
-1.0296

■ 37.5560, -13.5851,
-29.4286

■ 61.6520, 1.1576,
2.0592

■ 36.0180, -14.3059,
-31.5878

■ 64.0160, 2.4571,
5.2480

■ 66.3800, 3.7567,
8.4367

■ 68.7440, 5.0562,
11.6255

■ 71.2220, 6.7926,
14.7143

Harmonies

Analogous

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



51.7860, -12.2195, -0.6893



49.6040, -6.2138, -13.6847



45.4970, 2.7130, -30.2539

Triad

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



49.6040, -6.2138, -13.6847



50.1080, 16.2158, -21.1427



54.6610, -5.7489, 23.9763

Complementary

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



49.6040, -6.2138, -13.6847



44.3960, 6.2138, 13.6847

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.



55.6590, 0.6611, 21.3471



49.6040, -6.2138, -13.6847



54.6050, 12.5197, -2.2846

Square

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



49.6040, -6.2138, -13.6847



43.9980, 16.2700, -38.5862



56.0260, 7.3822, 12.2552



53.8470, -11.2636, 19.4282

Rectangle

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



49.6040, -6.2138, -13.6847



43.3480, 8.7024, -38.0162



56.0260, 7.3822, 12.2552



55.1170, -4.0017, 23.5764

Sweetspot

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



49.6040, -6.2138, -13.6847



74.9840, -2.4571, -5.2480



56.1390, -10.9145, 0.7551



38.2230, -1.5889, -3.7036



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



49.6040, -6.2138, -13.6847



62.6370, -9.6810, -21.6066



51.0860, -0.5354, -14.9844



29.7610, -0.8682, -1.5444



56.4320, -22.3980, -49.4909



133.2780, -52.8881, -116.8848

Inverse Universe

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



44.3960, 6.2138, 13.6847



54.3630, 9.6810, 21.6066



42.9140, 0.5354, 14.9844



29.1250, 0.4314, 1.6444



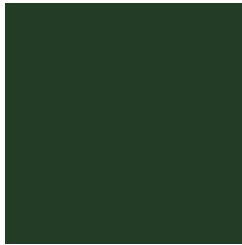
37.5680, 22.3980, 49.4909



88.7220, 52.8881, 116.8848

Previews

White Background



This preview shows how the YUV color 49.6040, -6.2138, -13.6847 looks on a white background.

Color Contrast Check

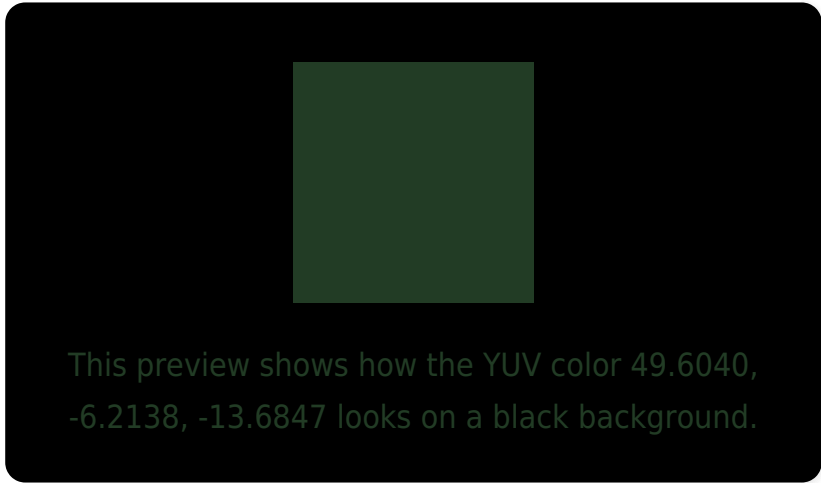
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

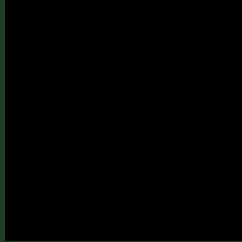
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6040, -6.2138, -13.6847

Background



This preview shows how black text looks on a background with the YUV color 49.6040, -6.2138, -13.6847.



This preview shows how white text looks on a background with the YUV color 49.6040, -6.2138, -13.6847.

-13.6847.

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

49.6040, -6.2138, -13.6847

Protanopia

53.3290, -9.0362, 4.9735

Deuteranopia

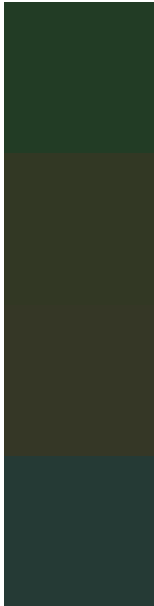
54.1060, -7.4473, 8.6770



Tritanopia

52.1880, 4.8373, -11.5659

Trichromacy



Original Color

49.6040, -6.2138, -13.6847

Protanomaly

51.9260, -7.8515, -1.6891

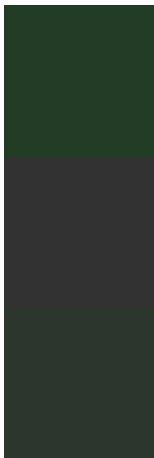
Deuteranomaly

52.4640, -7.1308, 0.4701

Tritanomaly

51.1510, 0.9116, -12.4104

Monochromacy



Original Color

49.6040, -6.2138, -13.6847

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9840, -2.4571, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6040, -6.2138, -13.6847 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(34, 60, 37)` looks like.

```
.text, #text, p{  
    color:rgb(34, 60, 37)  
}
```

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(34, 60, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 60, 37) }
```

Border

The CSS property to change the border of an element to YUV 49.6040, -6.2138, -13.6847 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(34, 60, 37) }
```


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

```
.border{ border-color:rgb(34, 60, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 60, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 60, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 60, 37);  
box-shadow:4px 4px 4px 4px rgb(34, 60, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6040, -6.2138, -13.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 60, 37) }
```

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

```
.background{ background-color: rgb(34, 60,  
37) }
```

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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