

Converting Colors

YUV(49.6460, -13.1365,
13.4655)

Have a look what the booklet for
YUV(49.6460, -13.1365, 13.4655)
contains.

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Color

**YUV(49.6460, -13.1365,
13.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	412F17
RGB	65, 47, 23
RGB Percent	25%, 18%, 9%
CMY	0.7451, 0.8157, 0.9098
CMYK	0.00, 0.28, 0.65, 0.75
HSL	34°, 48%, 17%
HSV	34°, 65%, 25%
XYZ	3.3511, 3.2187, 1.2553
YIQ	49.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

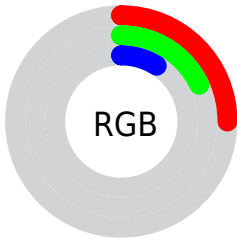
Format	Color
RYB	55, 65, 23
Decimal	4271895
CIELab	20.90, 4.90, 18.44
CIELCh	21, 19.080, 75.104
Yxy	3.2187, 0.4283, 0.4113
Android (android.graphics.Color)	4282461975 (0xFF412F17)
YUV	49.6460, -13.1365, 13.4655
Hunter-Lab	17.9408, 1.9456, 8.4102

Details

The YUV color **49.6460, -13.1365, 13.4655** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **38.3540, 13.1365, -13.4655**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.5000, -15.0365, 16.2245**, and **5.0830, -2.5059, 10.4512** is the 20% darker color. If you saturate the color by 10%, you get **47.0870, -15.3259, 15.7097**, and if you desaturate by 10%, it is **52.2050, -10.9471, 11.2212**.

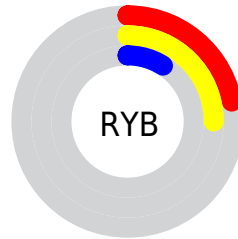
Distribution



 Red (25%)

 Green (18%)

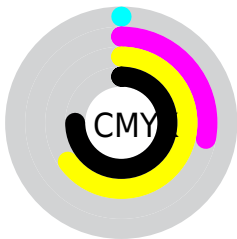
 Blue (9%)



 Red (22%)

 Yellow (25%)

 Blue (9%)

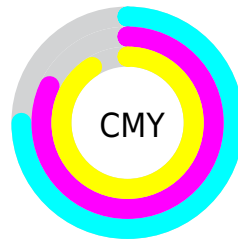


 Cyan (0%)

 Magenta (28%)

 Yellow (65%)

 Black (75%)



 Cyan (75%)

 Magenta (82%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6460, -13.1365, 13.4655 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 49.6460, -13.1365, 13.4655 by changing the saturation by 10% instead.

■ 49.6460, -13.1365,
13.4655

■ 49.6460, -13.1365,
13.4655

■ 254.5440, -1.7472,
0.3999

■ 28.1190, -13.8627,
13.0506

■ 96.5000, -15.0365,
16.2245

■ 5.0830, -2.5059,
10.4512

■ 121.0980,
-15.3313, 17.4541

■ 0.0000, 0.0000,
0.0000

■ 147.2830,
-15.9155, 18.1688

■ 173.4680,
-16.4997, 18.8836

■ 201.3540,
-16.9365, 18.9835

■ 229.5390,

-17.5207, 19.6983

■ 250.0640,
-13.8356, 4.3289

■ 49.6460, -13.1365,
13.4655

■ 49.6460, -13.1365,
13.4655

■ 47.0870, -15.3259,
15.7097

■ 52.2050, -10.9471,
11.2212

■ 44.6420, -17.0785,
17.8540

■ 54.6500, -9.1944,
9.0770

■ 42.7840, -19.1205,
19.4834

■ 56.6220, -6.7156,
7.3475

■ 41.1540, -20.2889,
20.9129

■ 59.0670, -4.9630,
5.2032

■ 61.6260, -2.7736,
2.9590

■ 64.0710, -1.0210,
0.8147

■ 66.0430, 1.4578,
-0.9147

■ 68.4880, 3.2104,
-3.0590

■ 71.0470, 5.3998,
-5.3032

Harmonies

Analogous

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



50.3140, -9.5218, 20.7726



49.6460, -13.1365, 13.4655



48.5800, -13.1039, 2.9993

Triad

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



49.6460, -13.1365, 13.4655



40.5440, 8.1128, -35.5571



52.0470, 8.8508, 7.8518

Complementary

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



49.6460, -13.1365, 13.4655



38.3540, 13.1365, -13.4655

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.



49.8000, 13.4096, -7.7176



49.6460, -13.1365, 13.4655



41.4390, 14.0806, -36.3420

Square

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



49.6460, -13.1365, 13.4655



43.1450, -0.0715, -23.8062



43.7650, 16.3849, -28.7349



51.9190, 2.9979, 18.4880

Rectangle

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



49.6460, -13.1365, 13.4655



47.3340, -10.0247, -4.6779



43.7650, 16.3849, -28.7349



51.7690, 10.4669, 2.8336

Sweetspot

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



49.6460, -13.1365, 13.4655



78.0670, -4.9630, 5.2032



37.6100, 1.6713, 24.0210



39.5120, -3.2104, 3.0590



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



49.6460, -13.1365, 13.4655



60.1540, -20.2889, 20.9129



59.3150, -17.9033, 2.3547



32.0710, -1.0210, 0.8147



61.2880, -30.2150, 31.3194



142.1120, -70.0612, 71.8158

Inverse Universe

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



38.3540, 13.1365, -13.4655



42.8460, 20.2889, -20.9129



28.6850, 17.9033, -2.3547



30.9290, 1.0210, -0.8147



35.7120, 30.2150, -31.3194



81.8880, 70.0612, -71.8158

Previews

White Background



This preview shows how the YUV color 49.6460, -13.1365, 13.4655 looks on a white background.

Color Contrast Check

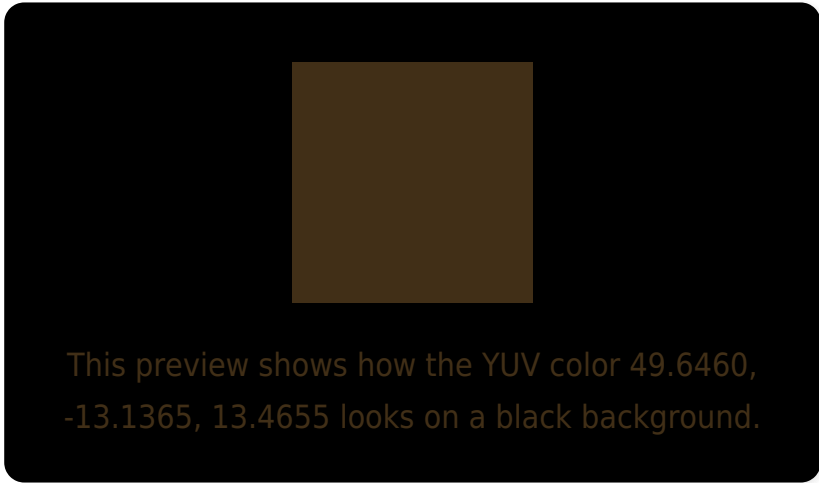
Large Text (above 18pt) WCAG AA ✓ Pass

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

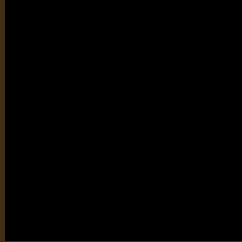
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6460, -13.1365, 13.4655

Background



This preview shows how black text looks on a background with the YUV color 49.6460, -13.1365, 13.4655.



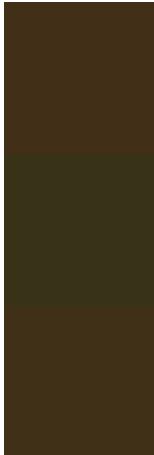
This preview shows how white text looks on a background with the YUV color 49.6460, -13.1365,

13.4655.

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

49.6460, -13.1365, 13.4655

Protanopia

49.4170, -12.5306, 5.7733

Deuteranopia

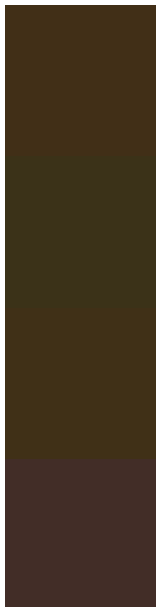
49.6350, -13.1311, 11.7211



Tritanopia

51.3330, -1.6432, 13.7400

Trichromacy



Original Color

49.6460, -13.1365, 13.4655

Protanomaly

49.7270, -12.6834, 8.1324

Deuteranomaly

49.9340, -13.2785, 12.3359

Tritanomaly

50.5950, -5.7163, 13.5102

Monochromacy



Original Color

49.6460, -13.1365, 13.4655

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7680, -4.8156, 4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6460, -13.1365, 13.4655 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(65, 47, 23)` looks like.

```
.text, #text, p{  
    color:rgb(65, 47, 23)  
}
```

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(65, 47, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 47, 23) }
```

Border

The CSS property to change the border of an element to YUV 49.6460, -13.1365, 13.4655 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(65, 47, 23) }
```


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

```
.border{ border-color:rgb(65, 47, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 47, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 47, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 47, 23);  
box-shadow:4px 4px 4px 4px rgb(65, 47, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6460, -13.1365, 13.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 47, 23) }
```

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

```
.background{ background-color: rgb(65, 47,  
23) }
```

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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