

Converting Colors

YUV(61.8760, -1.9109, 6.2477)

Have a look what the booklet for
YUV(61.8760, -1.9109, 6.2477)
contains.

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Color

**YUV(61.8760, -1.9109,
6.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	453B3A
RGB	69, 59, 58
RGB Percent	27%, 23%, 23%
CMY	0.7294, 0.7686, 0.7725
CMYK	0.00, 0.14, 0.16, 0.73
HSL	5°, 9%, 25%
HSV	5°, 16%, 27%
XYZ	4.7819, 4.6986, 4.6579
YIQ	61.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

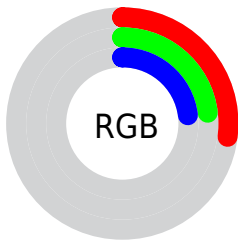
Format	Color
R_{YB}	69, 59, 58
Decimal	4537146
CIE _{Lab}	25.86, 4.16, 2.22
CIE _{LCh}	26, 4.716, 28.112
Yxy	4.6986, 0.3382, 0.3323
Android (android.graphics.Color)	4282727226 (0xFF453B3A)
YUV	61.8760, -1.9109, 6.2477
Hunter-Lab	21.6763, 1.4446, 2.4330

Details

The YUV color **61.8760, -1.9109, 6.2477** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.1240, 1.9109, -6.2477**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1750, -2.0583, 6.8625**, and **19.4630, -2.2003, 5.7329** is the 20% darker color. If you saturate the color by 10%, you get **57.5560, -3.2321, 10.0364**, and if you desaturate by 10%, it is **66.1960, -0.5896, 2.4591**.

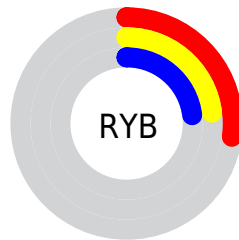
Distribution



Red (27%)

Green (23%)

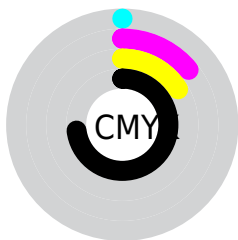
Blue (23%)



Red (27%)

Yellow (23%)

Blue (23%)

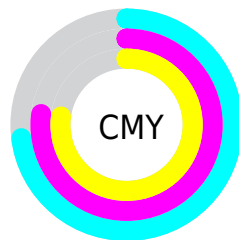


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8760, -1.9109, 6.2477 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 61.8760, -1.9109, 6.2477 by changing the saturation by 10% instead.

■ 61.8760, -1.9109,
6.2477

■ 61.8760, -1.9109,
6.2477

255.0000, 0.0000,
0.0000

■ 39.8760, -1.9109,
6.2477

■ 109.1750, -2.0583,
6.8625

■ 19.4630, -2.2003,
5.7329

■ 134.4740, -2.2057,
7.4773

■ 0.0000, 0.0000,
0.0000

■ 160.4740, -2.2057,
7.4773

■ 187.7730, -2.3531,
8.0921

■ 215.7730, -2.3531,
8.0921

■ 243.7730, -2.3531,

8.0921

■ 61.8760, -1.9109,
6.2477

■ 61.8760, -1.9109,
6.2477

■ 57.5560, -3.2321,
10.0364

■ 66.1960, -0.5896,
2.4591

■ 52.6490, -4.2640,
14.3398

■ 71.1030, 0.4422,
-1.8443

■ 48.3290, -5.5852,
18.1285

■ 75.4230, 1.7635,
-5.6330

■ 44.0090, -6.9064,
21.9171

■ 79.7430, 3.0847,
-9.4216

■ 39.6890, -8.2277,
25.7057

■ 84.0630, 4.4059,
-13.2103

■ 34.8960, -8.8227,
29.9092

■ 88.8560, 5.0010,
-17.4137

■ 30.5760, -10.1440,
33.6978

■ 93.1760, 6.3222,
-21.2024

■ 26.2560, -11.4652,
37.4865

■ 97.4960, 7.6435,
-24.9910

■ 24.1530, -11.9074,
39.3308

■ 101.8160, 8.9647,
-28.7796

Harmonies

Analogous

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



62.0330, -0.0163, 5.2331



61.8760, -1.9109, 6.2477



61.8220, -3.3632, 5.4181

Triad

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



61.8760, -1.9109, 6.2477



60.2230, -1.5889, -3.7036



61.1890, 3.3578, -3.6738

Complementary

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



61.8760, -1.9109, 6.2477



65.1240, 1.9109, -6.2477

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.



60.7650, 3.0739, -5.9329



61.8760, -1.9109, 6.2477



59.7820, 0.6005, -5.9478

Square

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



61.8760, -1.9109, 6.2477



60.6040, -2.7628, -0.5297



59.8250, 2.0583, -6.8625



61.5100, 3.1996, 0.4297

Rectangle

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



61.8760, -1.9109, 6.2477



61.1100, -3.5052, 4.2885



59.8250, 2.0583, -6.8625



60.8900, 3.5052, -4.2885

Sweetspot

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



61.8760, -1.9109, 6.2477



86.1960, -0.5896, 2.4591



62.4290, 2.7465, 5.7628



43.8970, -0.4422, 1.8443



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



61.8760, -1.9109, 6.2477



78.2570, -3.0847, 9.4216



64.8110, -3.3578, 3.6738



33.1960, -0.5896, 2.4591



34.8840, -17.1978, 56.2297



80.2000, -39.5386, 128.7436

Inverse Universe

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



65.1240, 1.9109, -6.2477



83.3300, 2.7953, -9.9364



62.1890, 3.3578, -3.6738



34.2170, 0.8790, -1.9443



64.1160, 17.1978, -56.2297



146.8000, 39.5386, -128.7436

Previews

White Background



This preview shows how the YUV color 61.8760, -1.9109, 6.2477 looks on a white background.

Color Contrast Check

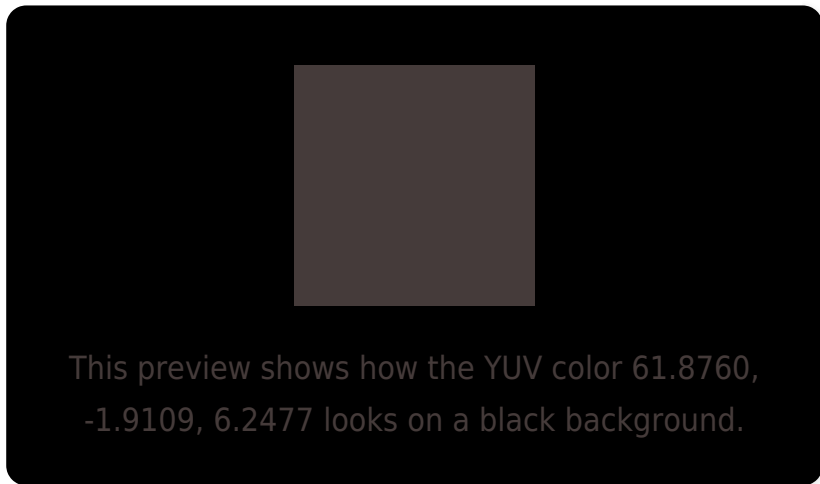
Large Text (above 18pt) WCAG AA ✓ Pass

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

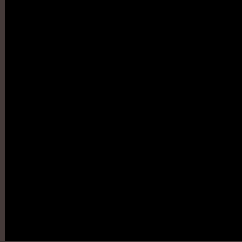
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8760, -1.9109, 6.2477

Background



This preview shows how black text looks on a background with the YUV color 61.8760, -1.9109, 6.2477.

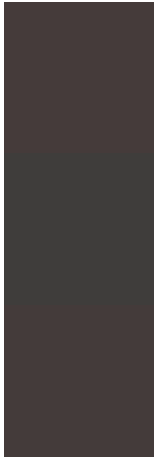


This preview shows how white text looks on a background with the YUV color 61.8760, -1.9109,

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

61.8760, -1.9109, 6.2477

Protanopia

61.3700, -1.1684, 1.4295

Deuteranopia

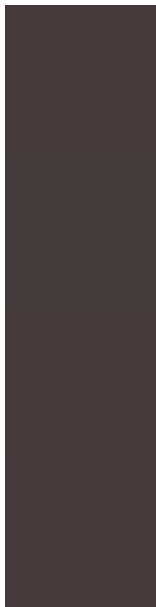
61.5770, -1.7635, 5.6330



Tritanopia

62.1580, 0.4151, 6.8774

Trichromacy



Original Color

61.8760, -1.9109, 6.2477

Protanomaly

61.3810, -1.1738, 3.1739

Deuteranomaly

61.5770, -1.7635, 5.6330

Tritanomaly

61.9300, -0.4585, 7.0774

Monochromacy



Original Color

61.8760, -1.9109, 6.2477

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8760, -1.9109, 6.2477 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(69, 59, 58)` looks like.

```
.text, #text, p{  
    color:rgb(69, 59, 58)  
}
```

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(69, 59, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 59, 58) }
```

Border

The CSS property to change the border of an element to YUV 61.8760, -1.9109, 6.2477 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(69, 59, 58) }
```


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

```
.border{ border-color:rgb(69, 59, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 59, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 59, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 59, 58);  
box-shadow:4px 4px 4px 4px rgb(69, 59, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8760, -1.9109, 6.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 59, 58) }
```

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

```
.background{ background-color: rgb(69, 59,  
58) }
```

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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