

Converting Colors

YUV(59.7100, 6.5520, -1.4997)

Have a look what the booklet for
YUV(59.7100, 6.5520, -1.4997)
contains.

YUV(59.7100, 6.5520, -1.4997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(59.7100, 6.5520,
-1.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3A49
RGB	58, 58, 73
RGB Percent	23%, 23%, 29%
CMY	0.7725, 0.7725, 0.7137
CMYK	0.21, 0.21, 0.00, 0.71
HSL	240°, 11%, 26%
HSV	240°, 21%, 29%
XYZ	4.4606, 4.4067, 6.9188
YIQ	59.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

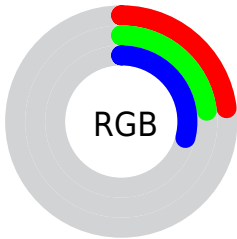
Format	Color
R _Y B	58, 58, 73
Decimal	3816009
CIE Lab	24.97, 3.75, -9.17
CIE LCh	25, 9.902, 292.223
Yxy	4.4067, 0.2826, 0.2792
Android (android.graphics.Color)	4282006089 (0xFF3A3A49)
YUV	59.7100, 6.5520, -1.4997
Hunter-Lab	20.9921, 1.1929, -4.8469

Details

The YUV color **59.7100, 6.5520, -1.4997** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.2900, -6.5520, 1.4997**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.9380, 7.4256, -1.6996**, and **16.8950, 5.9678, -0.7849** is the 20% darker color. If you saturate the color by 10%, you get **53.5080, 9.6096, -2.1995**, and if you desaturate by 10%, it is **65.9120, 3.4944, -0.7998**.

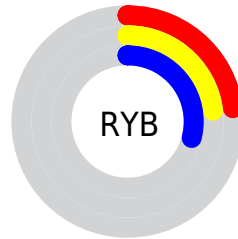
Distribution



Red (23%)

Green (23%)

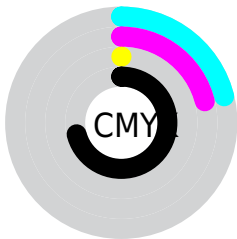
Blue (29%)



Red (23%)

Yellow (23%)

Blue (29%)

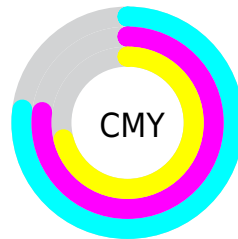


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (71%)



Cyan (77%)

Magenta (77%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7100, 6.5520, -1.4997 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 59.7100, 6.5520, -1.4997 by changing the saturation by 10% instead.

■ 59.7100, 6.5520,
-1.4997

■ 59.7100, 6.5520,
-1.4997

■ 255.0000, 0.0000,
0.0000

■ 37.5960, 6.1152,
-1.3997

■ 106.9380, 7.4256,
-1.6996

■ 16.8950, 5.9678,
-0.7849

■ 132.2370, 7.2782,
-1.0848

■ 0.1140, 0.4368,
-0.1000

■ 158.3510, 7.7150,
-1.1848

■ 0.0000, 0.0000,
0.0000

■ 185.3510, 7.7150,
-1.1848

■ 213.0520, 7.8624,
-1.7996

■ 241.1230, 6.8414,

-0.9849

■ 59.7100, 6.5520,
-1.4997

■ 59.7100, 6.5520,
-1.4997

■ 53.5080, 9.6096,
-2.1995

■ 65.9120, 3.4944,
-0.7998

■ 46.4200, 13.1039,
-2.9993

■ 73.0000, 0.0000,
0.0000

■ 40.2180, 16.1615,
-3.6992

■ 79.2020, -3.0576,
0.6998

■ 34.0160, 19.2191,
-4.3990

■ 85.4040, -6.1152,
1.3997

■ 27.8140, 22.2767,
-5.0989

■ 92.4920, -9.6096,
2.1995

■ 20.7260, 25.7711,
-5.8987

■ 98.6940, -12.6671,
2.8994

■ 14.5240, 28.8287,
-6.5985

■ 104.8960,
-15.7247, 3.5992

■ 8.3220, 31.8863,
-7.2984

■ 111.0980,
-18.7823, 4.2991

■ 118.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



58.5950, 7.5947, -9.2918



59.7100, 6.5520, -1.4997



60.6570, 3.6201, 5.5628

Triad

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



59.7100, 6.5520, -1.4997



59.8720, -5.8529, 10.6363



56.3360, 0.3274, -11.6957

Complementary

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



59.7100, 6.5520, -1.4997



71.2900, -6.5520, 1.4997

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.



57.0440, -3.4727, -6.1776



59.7100, 6.5520, -1.4997



59.2090, -7.0050, 6.8327

Square

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



59.7100, 6.5520, -1.4997



60.2790, -3.0955, 12.9103



57.9910, -6.4046, 0.8849



56.0520, 4.4114, -14.9546

Rectangle

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



59.7100, 6.5520, -1.4997



60.2230, 1.8621, 9.4514



57.9910, -6.4046, 0.8849



56.5920, -1.2779, -10.1662

Sweetspot

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



59.7100, 6.5520, -1.4997



89.5700, 2.1840, -0.4999



68.5150, 2.2111, -9.2217



45.3420, 1.3104, -0.2999



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



59.7100, 6.5520, -1.4997



73.6220, 10.0464, -2.2995



62.1020, 5.3727, 3.4185



32.4560, 1.7472, -0.3999



11.2860, 43.2430, -9.8978



25.8780, 99.1531, -22.6950

Inverse Universe

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



64.1950, 4.3409, 7.7220



80.4990, 6.6560, 11.8404



69.1970, -5.5201, -2.8038



33.6520, 1.1576, 2.0592



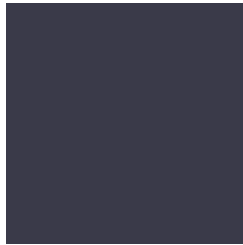
40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 59.7100, 6.5520, -1.4997 looks on a white background.

Color Contrast Check

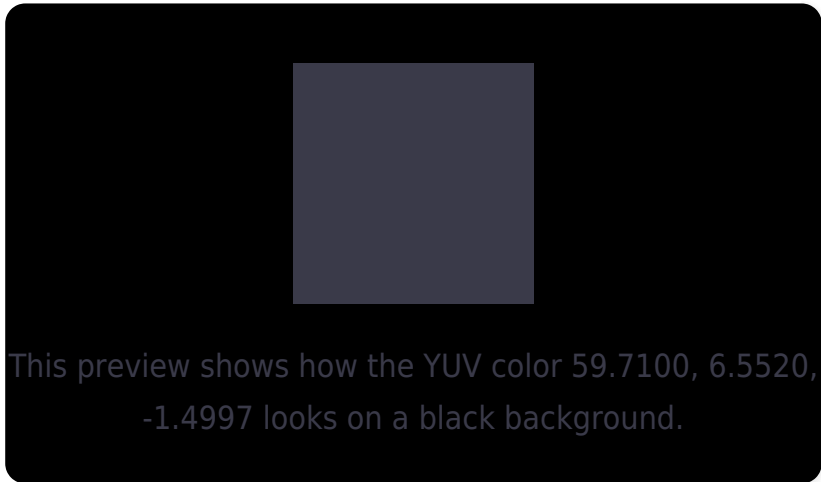
Large Text (above 18pt) WCAG AA ✓ Pass

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

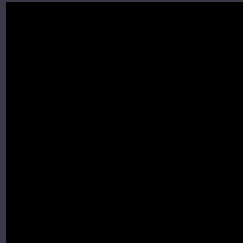
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

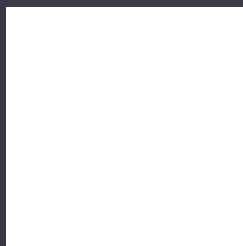
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 59.7100, 6.5520, -1.4997

Background



This preview shows how black text looks on a background with the YUV color 59.7100, 6.5520, -1.4997.



This preview shows how white text looks on a background with the YUV color 59.7100, 6.5520,

-1.4997.

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

59.7100, 6.5520, -1.4997

Protanopia

59.6990, 6.5574, -3.2440

Deuteranopia

59.7100, 6.5520, -1.4997



Tritanopia

59.2600, 2.3368, -2.8590

Trichromacy



Original Color

59.7100, 6.5520, -1.4997

Protanomaly

59.9980, 6.4100, -2.6292

Deuteranomaly

59.7100, 6.5520, -1.4997

Tritanomaly

59.3140, 3.7892, -2.0294

Monochromacy



Original Color

59.7100, 6.5520, -1.4997

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.6840, 2.6208, -0.5999

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7100, 6.5520, -1.4997 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(58, 58, 73)` looks like.

```
.text, #text, p{  
    color:rgb(58, 58, 73)  
}
```

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(58, 58, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 58, 73) }
```

Border

The CSS property to change the border of an element to YUV 59.7100, 6.5520, -1.4997 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(58, 58, 73) }
```


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

```
.border{ border-color:rgb(58, 58, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 58, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 58, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 58, 73);  
box-shadow:4px 4px 4px 4px rgb(58, 58, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7100, 6.5520, -1.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 58, 73) }
```

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

```
.background{ background-color: rgb(58, 58,  
73) }
```

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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