

Converting Colors

YUV(109.7060, -4.2921,
-23.4212)

Have a look what the booklet for
YUV(109.7060, -4.2921, -23.4212)
contains.

YUV(109.7060, -4.2921, -23.4212)	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(109.7060, -4.2921,
-23.4212)**

Conversions

Conversions Part 1

Format	Color
Hex	537D65
RGB	83, 125, 101
RGB Percent	33%, 49%, 40%
CMY	0.6745, 0.5098, 0.6039
CMYK	0.34, 0.00, 0.19, 0.51
HSL	146°, 20%, 41%
HSV	146°, 34%, 49%
XYZ	13.2499, 17.4458, 14.9810
YIQ	109.7060, -17.3280, -16.3680

Conversions

Conversions Part 2

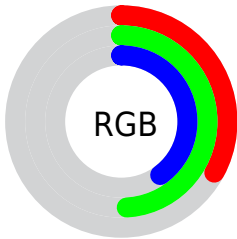
Format	Color
R_{YB}	83, 112, 125
Decimal	5471589
CIE _{Lab}	48.82, -20.13, 8.50
CIE _{LCh}	49, 21.851, 157.098
Yxy	17.4458, 0.2901, 0.3819
Android (android.graphics.Color)	4283661669 (0xFF537D65)
YUV	109.7060, -4.2921, -23.4212
Hunter-Lab	41.7682, -16.4699, 7.9722

Details

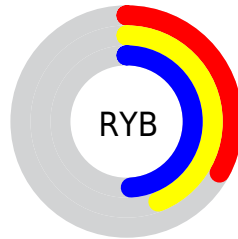
The YUV color $109.7060, -4.2921, -23.4212$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $98.2940, 4.2921, 23.4212$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.8800, -4.8708, -24.4508$, and $61.2330, -3.5659, -23.0063$ is the 20% darker color. If you saturate the color by 10%, you get $105.3200, -5.5808, -30.0986$, and if you desaturate by 10%, it is $114.3910, -3.1508, -16.1289$.

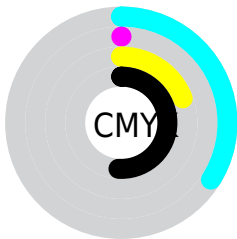
Distribution



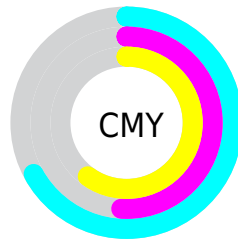
- Red (33%)
- Green (49%)
- Blue (40%)



- Red (33%)
- Yellow (44%)
- Blue (49%)



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7060, -4.2921, -23.4212 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 109.7060, -4.2921, -23.4212 by changing the saturation by 10% instead.

■ 109.7060, -4.2921,
-23.4212

■ 109.7060, -4.2921,
-23.4212

■ 255.0000, 0.0000,
0.0000

■ 85.1190, -4.0027,
-22.9064

■ 161.8800, -4.8708,
-24.4508

■ 61.2330, -3.5659,
-23.0063

■ 188.5810, -4.7234,
-25.0655

■ 38.1620, -2.5449,
-23.8211

■ 217.0540, -5.4496,
-25.4804

■ 20.0380, -4.4557,
-17.5733

■ 240.9450, -3.4239,
-21.8768

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,
-6.7625

■ 109.7060, -4.2921,
-23.4212

■ 109.7060, -4.2921,
-23.4212

■ 105.3200, -5.5808,
-30.0986

■ 114.3910, -3.1508,
-16.1289

■ 100.6350, -6.7221,
-37.3909

■ 118.7770, -1.8621,
-9.4514

■ 96.2490, -8.0108,
-44.0684

■ 123.4620, -0.7208,
-2.1592

■ 91.4500, -9.5889,
-51.2607

■ 127.9620, 1.0047,
4.4183

■ 87.0640, -10.8776,
-57.9381

■ 132.6470, 2.1460,
11.7106

■ 82.3790, -12.0188,
-65.2304

■ 137.0330, 3.4347,
18.3881

■ 79.5310, -12.5868,
-69.7487

■ 141.7180, 4.5760,
25.6803

■ 146.1040, 5.8647,

32.3578

■ 150.4900, 7.1534,
39.0353

Harmonies

Analogous

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



112.5140, -13.0714, -7.4668



109.7060, -4.2921, -23.4212



106.7780, 6.5184, -37.5163

Triad

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



109.7060, -4.2921, -23.4212



115.0210, 18.2306, -14.0504



117.6140, -11.1487, 29.2795

Complementary

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



109.7060, -4.2921, -23.4212



98.2940, 4.2921, 23.4212

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.



118.0900, -3.0024, 29.7391



109.7060, -4.2921, -23.4212



118.1760, 13.2242, 5.1076

Square

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



109.7060, -4.2921, -23.4212



110.5410, 19.4533, -32.9235



118.7390, 6.0447, 21.2769



116.0770, -16.8000, 21.8575

Rectangle

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



109.7060, -4.2921, -23.4212



106.3520, 12.6445, -42.4047



118.7390, 6.0447, 21.2769



117.6080, -8.6807, 31.0388

Sweetspot

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



109.7060, -4.2921, -23.4212



157.1900, -1.5727, -8.9366



115.1290, -15.8396, -6.2521



78.3260, -1.1467, -5.5479



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



109.7060, -4.2921, -23.4212



139.3470, -6.5801, -36.2613



112.1000, 4.8807, -25.5207



61.4510, -0.7153, -3.9035



81.4060, -13.0182, -71.3931



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.2940, 4.2921, 23.4212



121.6530, 6.5801, 36.2613



95.9000, -4.8807, 25.5207



59.5490, 0.7153, 3.9035



46.5940, 13.0182, 71.3931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.7060, -4.2921, -23.4212 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



This preview shows how the YUV color 109.7060, -4.2921, -23.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

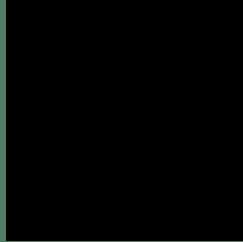
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7060, -4.2921, -23.4212

Background



This preview shows how black text looks on a background with the YUV color 109.7060, -4.2921, -23.4212.



This preview shows how white text looks on a background with the YUV color 109.7060, -4.2921, -23.4212.

-23.4212.

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

109.7060, -4.2921, -23.4212

Protanopia

114.9270, -9.3310, 6.2030

Deuteranopia

116.1820, -6.0057, 12.9954



Tritanopia

112.5720, 9.0850, -20.6726

Trichromacy



Original Color

109.7060, -4.2921, -23.4212

Protanomaly

113.3170, -7.5513, -4.6630

Deuteranomaly

113.9200, -5.3836, 0.0702

Tritanomaly

111.3070, 4.2856, -21.3172

Monochromacy



Original Color

109.7060, -4.2921, -23.4212

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6030, -1.2833, -8.4218

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7060, -4.2921, -23.4212 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(83, 125, 101)` looks like.

```
.text, #text, p{  
    color:rgb(83, 125, 101)  
}
```

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(83, 125, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 125, 101) }
```

Border

The CSS property to change the border of an element to YUV 109.7060, -4.2921, -23.4212 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(83, 125, 101) }
```


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

```
.border{ border-color:rgb(83, 125, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 125, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 125, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 125, 101);  
box-shadow:4px 4px 4px 4px rgb(83, 125,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 109.7060, -4.2921, -23.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 125, 101) }
```

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

```
.background{ background-color: rgb(83, 125,  
101) }
```

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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