

Converting Colors

YUV(110.9370, 5.4541,
-22.7467)

Have a look what the booklet for
YUV(110.9370, 5.4541, -22.7467)
contains.

YUV(110.9370, 5.4541, -22.7467)	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(110.9370, 5.4541,
-22.7467)**

Conversions

Conversions Part 1

Format	Color
Hex	557A7A
RGB	85, 122, 122
RGB Percent	33%, 48%, 48%
CMY	0.6667, 0.5216, 0.5216
CMYK	0.30, 0.00, 0.00, 0.52
HSL	180°, 18%, 41%
HSV	180°, 30%, 48%
XYZ	14.2187, 17.2555, 20.9936
YIQ	110.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

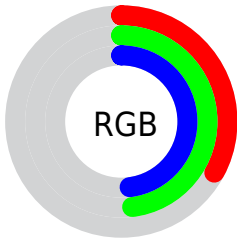
Format	Color
R_{YB}	85, 104, 122
Decimal	5601914
CIE _{Lab}	48.58, -12.94, -4.20
CIE _{LCh}	49, 13.601, 197.971
Yxy	17.2555, 0.2710, 0.3289
Android (android.graphics.Color)	4283791994 (0xFF557A7A)
YUV	110.9370, 5.4541, -22.7467
Hunter-Lab	41.5397, -11.5955, -0.8865

Details

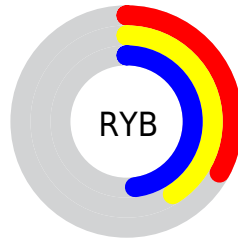
The YUV color **110.9370, 5.4541, -22.7467** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **96.0630, -5.4541, 22.7467**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6380, 5.6015, -23.3615**, and **62.2360, 5.3067, -22.1320** is the 20% darker color. If you saturate the color by 10%, you get **107.3490, 7.2229, -30.1241**, and if you desaturate by 10%, it is **114.5250, 3.6852, -15.3694**.

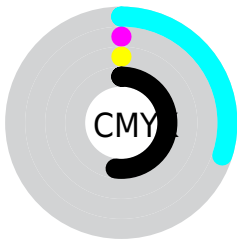
Distribution



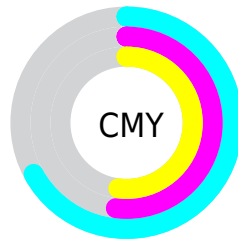
- Red (33%)
- Green (48%)
- Blue (48%)



- Red (33%)
- Yellow (41%)
- Blue (48%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (52%)



- Cyan (67%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.9370, 5.4541, -22.7467 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 110.9370, 5.4541, -22.7467 by changing the saturation by 10% instead.

■ 110.9370, 5.4541,
-22.7467

■ 110.9370, 5.4541,
-22.7467

■ 255.0000, 0.0000,
0.0000

■ 86.2360, 5.3067,
-22.1320

■ 162.6380, 5.6015,
-23.3615

■ 62.2360, 5.3067,
-22.1320

■ 190.3390, 5.7489,
-23.9763

■ 39.3390, 5.7489,
-23.9763

■ 218.0400, 5.8963,
-24.5911

■ 21.0300, 4.4222,
-18.4433

■ 243.9370, 5.4541,
-22.7467

■ 0.4560, 1.7472,
-0.3999

■ 252.6080, 1.1793,
-4.9182

■ 0.0000, 0.0000,
0.0000

■ 110.9370, 5.4541,
-22.7467

■ 110.9370, 5.4541,
-22.7467

■ 107.3490, 7.2229,
-30.1241

■ 114.5250, 3.6852,
-15.3694

■ 103.7610, 8.9918,
-37.5014

■ 118.1130, 1.9163,
-7.9921

■ 99.8740, 10.9081,
-45.4935

■ 122.0000, 0.0000,
0.0000

■ 96.2860, 12.6770,
-52.8708

■ 125.5880, -1.7689,
7.3773

■ 92.6980, 14.4459,
-60.2481

■ 129.1760, -3.5378,
14.7546

■ 89.1100, 16.2148,
-67.6255

■ 132.7640, -5.3067,
22.1320

■ 85.5220, 17.9837,
-75.0028

■ 136.3520, -7.0755,
29.5093

■ 140.2390, -8.9918,

37.5014

■ 143.8270,
-10.7607, 44.8787

Harmonies

Analogous

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



111.6620, -0.8194, -17.2436



110.9370, 5.4541, -22.7467



112.0880, 9.8166, -22.0022

Triad

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



110.9370, 5.4541, -22.7467



117.1780, 6.8142, 7.7369



115.5040, -11.0945, 11.8360

Complementary

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



110.9370, 5.4541, -22.7467



96.0630, -5.4541, 22.7467

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.



116.8190, -8.7848, 17.6987



110.9370, 5.4541, -22.7467



117.7400, 1.1142, 16.0140

Square

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



110.9370, 5.4541, -22.7467



115.7250, 10.4886, -4.1438



117.6820, -4.2802, 19.5729



114.2640, -10.4832, 2.3995

Rectangle

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



110.9370, 5.4541, -22.7467



113.1640, 11.2581, -17.6838



117.6820, -4.2802, 19.5729



115.9280, -10.8105, 14.0951

Sweetspot

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



110.9370, 5.4541, -22.7467



153.8140, 2.0637, -8.6069



106.7190, -10.7075, -19.0476



76.3090, 1.3267, -5.5330



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



110.9370, 5.4541, -22.7467



140.9570, 8.4022, -35.0423



100.3710, 10.6631, -13.4804



59.2060, 0.8844, -3.6887



87.6250, 18.4259, -76.8471



176.6520, 37.1466, -154.9238

Inverse Universe

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



100.2810, 10.7075, 19.0476



124.5410, 16.4953, 29.3435



107.2160, -10.9525, 12.9656



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 110.9370, 5.4541, -22.7467 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 110.9370, 5.4541, -22.7467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

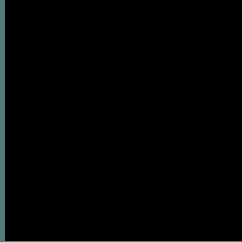
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.9370, 5.4541, -22.7467

Background



This preview shows how black text looks on a background with the YUV color 110.9370, 5.4541, -22.7467.



This preview shows how white text looks on a background with the YUV color 110.9370, 5.4541, -22.7467.

-22.7467.

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

110.9370, 5.4541, -22.7467

Protanopia

114.9400, 1.0156, 0.9296

Deuteranopia

116.3580, 3.7675, 4.9480



Tritanopia

111.8600, 8.9430, -21.8022

Trichromacy



Original Color

110.9370, 5.4541, -22.7467

Protanomaly

113.6400, 2.6425, -7.5773

Deuteranomaly

114.7050, 4.0894, -5.0033

Tritanomaly

111.2190, 7.7800, -22.1171

Monochromacy



Original Color

110.9370, 5.4541, -22.7467

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9370, 5.4541, -22.7467 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(85, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(85, 122, 122)  
}
```

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(85, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 122, 122) }
```

Border

The CSS property to change the border of an element to YUV 110.9370, 5.4541, -22.7467 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(85, 122, 122) }
```


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

```
.border{ border-color:rgb(85, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(85, 122,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 110.9370, 5.4541, -22.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 122, 122) }
```

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

```
.background{ background-color: rgb(85, 122,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor