

Converting Colors

YUV(64.0100, 55.2111,
-21.9338)

Have a look what the booklet for
YUV(64.0100, 55.2111, -21.9338)
contains.

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Color

**YUV(64.0100, 55.2111,
-21.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	2737B0
RGB	39, 55, 176
RGB Percent	15%, 22%, 69%
CMY	0.8471, 0.7843, 0.3098
CMYK	0.78, 0.69, 0.00, 0.31
HSL	233°, 64%, 42%
HSV	233°, 78%, 69%
XYZ	10.0394, 6.2983, 41.7609
YIQ	64.0100, -48.3770, 34.2390

Conversions

Conversions Part 2

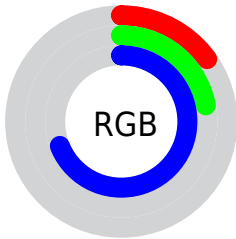
Format	Color
R_{YB}	39, 53, 176
Decimal	2570160
CIE _{Lab}	30.15, 37.42, -65.74
CIE _{LCh}	30, 75.640, 299.648
Yxy	6.2983, 0.1728, 0.1084
Android (android.graphics.Color)	4280760240 (0xFF2737B0)
YUV	64.0100, 55.2111, -21.9338
Hunter-Lab	25.0964, 27.4869, -81.0921




Details

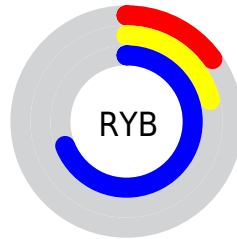
The YUV color **64.0100, 55.2111, -21.9338** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **150.9900, -55.2111, 21.9338**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.4290, 56.4835, -10.0232**, and **22.1260, 49.2379, -19.4045** is the 20% darker color. If you saturate the color by 10%, you get **49.2360, 62.4947, -24.7630**, and if you desaturate by 10%, it is **78.7840, 47.9275, -19.1046**.

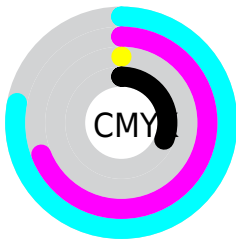
Distribution







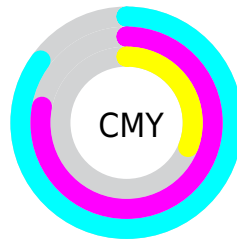
-  Red (15%)
-  Green (22%)
-  Blue (69%)






-  Red (15%)
-  Yellow (21%)
-  Blue (69%)



-  Cyan (78%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (85%)
-  Magenta (78%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0100, 55.2111, -21.9338 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 64.0100, 55.2111, -21.9338 by changing the saturation by 10% instead.

■ 64.0100, 55.2111,
-21.9338

■ 64.0100, 55.2111,
-21.9338

■ 255.0000, 0.0000,
0.0000

■ 36.3570, 55.5330,
-31.8851

■ 118.4290, 56.4835,
-10.0232

■ 22.1260, 49.2379,
-19.4045

■ 144.5820, 54.4361,
-6.6494

■ 11.0580, 42.3694,
-9.6979

■ 169.4010, 42.2003,
-2.1057

■ 12.9040, 29.1343,
-11.3168

■ 193.6330, 30.2539,
2.9529

■ 7.8200, 19.8087,
-6.8581

■ 219.0390, 17.7288,
6.9818

■ 3.5510, 11.0674,
-3.1142

■ 243.8470, 5.4984,

■ 0.0000, 0.0000,

9.7812

0.0000

■ 64.0100, 55.2111,
-21.9338

■ 64.0100, 55.2111,
-21.9338

■ 49.2360, 62.4947,
-24.7630

■ 78.7840, 47.9275,
-19.1046

■ 35.3480, 69.3414,
-27.4922

■ 92.6720, 41.0807,
-16.3753

■ 32.3910, 70.7992,
-28.4069

■ 107.4460, 33.7971,
-13.5461

■ 121.3340, 26.9503,
-10.8169

■ 136.1080, 19.6668,
-7.9877

■ 150.2950, 12.6726,
-4.6437

■ 164.7700, 5.5364,
-2.4293

■ 178.9570, -1.4578,
0.9147

■ 193.4320, -8.5940,
3.1291

Harmonies

Analogous

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



69.4350, 60.4245, -60.8945



64.0100, 55.2111, -21.9338



55.7120, 37.6100, 70.4126

Triad

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



64.0100, 55.2111, -21.9338



62.3610, -30.7440, 61.0734



61.8700, 3.5151, -54.2600

Complementary

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



64.0100, 55.2111, -21.9338



150.9900, -55.2111, 21.9338

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.



52.2430, -25.7558, -45.8171



64.0100, 55.2111, -21.9338



66.8150, -32.9398, 18.5792

Square

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



64.0100, 55.2111, -21.9338



50.0770, -16.3070, 97.2795



54.7010, -26.9676, -30.4328



69.2970, 29.4336, -60.7735

Rectangle

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



64.0100, 55.2111, -21.9338



58.5560, 17.4739, 88.9664



54.7010, -26.9676, -30.4328



58.8890, -5.3683, -51.6457

Sweetspot

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



64.0100, 55.2111, -21.9338



186.5640, 21.4139, -8.3876



132.9850, 12.3324, -82.4248



88.4090, 13.1094, -4.7437



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



64.0100, 55.2111, -21.9338



55.0710, 86.2400, -34.2653



69.5680, 52.4710, 17.0419



81.6130, 3.6418, -1.4146



28.0080, 61.6211, -24.5630



4.7250, 10.4886, -4.1438

Inverse Universe

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



81.7870, -13.2060, 82.6248



82.8360, -20.6251, 129.0628



145.4320, -52.4710, -17.0419



82.8050, -0.8899, 5.4330



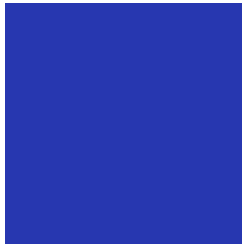
47.7990, -14.6909, 92.2613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 64.0100, 55.2111, -21.9338 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



This preview shows how the YUV color 64.0100, 55.2111, -21.9338 looks on a 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 64.0100, 55.2111, -21.9338

Background



This preview shows how black text looks on a background with the YUV color 64.0100, 55.2111, -21.9338.



This preview shows how white text looks on a background with the YUV color 64.0100, 55.2111,

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

64.0100, 55.2111, -21.9338

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

56.8730, 32.6006, -49.8776



Tritanopia

55.8350, 13.3923, -48.9673

Trichromacy



Original Color

64.0100, 55.2111, -21.9338

Protanomaly

58.9510, 47.8452, -39.4220

Deuteranomaly

59.1160, 40.8618, -39.5667

Tritanomaly

58.6140, 28.7843, -39.1265

Monochromacy



Original Color

64.0100, 55.2111, -21.9338

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2220, 20.1036, -8.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0100, 55.2111, -21.9338 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(39, 55, 176)` looks like.

```
.text, #text, p{  
    color:rgb(39, 55, 176)  
}
```

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(39, 55, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 55, 176) }
```

Border

The CSS property to change the border of an element to YUV 64.0100, 55.2111, -21.9338 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(39, 55, 176) }
```


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

```
.border{ border-color:rgb(39, 55, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 55, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 55, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 55, 176);  
box-shadow:4px 4px 4px 4px rgb(39, 55,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 64.0100, 55.2111, -21.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 55, 176) }
```

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

```
.background{ background-color: rgb(39, 55,  
176) }
```

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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