

Converting Colors

YUV(71.3110, 24.9897,
-35.3527)

Have a look what the booklet for
YUV(71.3110, 24.9897, -35.3527)
contains.

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Color

**YUV(71.3110, 24.9897,
-35.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	1F527A
RGB	31, 82, 122
RGB Percent	12%, 32%, 48%
CMY	0.8784, 0.6784, 0.5216
CMYK	0.75, 0.33, 0.00, 0.52
HSL	206°, 59%, 30%
HSV	206°, 75%, 48%
XYZ	7.0952, 7.7310, 19.5306
YIQ	71.3110, -43.2360, 1.6280

Conversions

Conversions Part 2

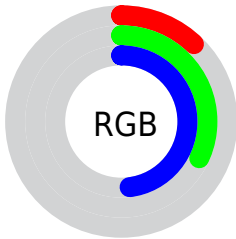
Format	Color
R_{YB}	31, 64, 122
Decimal	2052730
CIE _{Lab}	33.42, -2.47, -27.59
CIE _{LCh}	33, 27.703, 264.880
Yxy	7.7310, 0.2065, 0.2250
Android (android.graphics.Color)	4280242810 (0xFF1F527A)
YUV	71.3110, 24.9897, -35.3527
Hunter-Lab	27.8047, -3.1086, -22.1832

Details

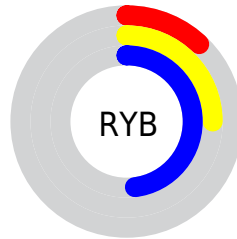
The YUV color **71.3110, 24.9897, -35.3527** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **81.6890, -24.9897, 35.3527**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1590, 25.5576, -30.8344**, and **30.6280, 20.8894, -26.8608** is the 20% darker color. If you saturate the color by 10%, you get **64.7880, 28.2055, -40.1561**, and if you desaturate by 10%, it is **77.8340, 21.7738, -30.5494**.

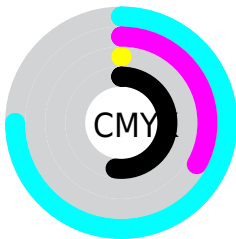
Distribution



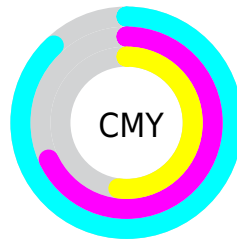
- Red (12%)
- Green (32%)
- Blue (48%)



- Red (12%)
- Yellow (25%)
- Blue (48%)



- Cyan (75%)
- Magenta (33%)
- Yellow (0%)
- Black (52%)



- Cyan (88%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3110, 24.9897, -35.3527 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 71.3110, 24.9897, -35.3527 by changing the saturation by 10% instead.

■ 71.3110, 24.9897,
-35.3527

■ 71.3110, 24.9897,
-35.3527

■ 255.0000, 0.0000,
0.0000

■ 45.6910, 25.2953,
-40.0710

■ 123.1590, 25.5576,
-30.8344

■ 30.6280, 20.8894,
-26.8608

■ 149.5720, 25.8470,
-30.3196

■ 15.6790, 16.9203,
-13.7505

■ 176.6860, 26.2838,
-30.4196

■ 4.4800, 12.0884,
-3.9290

■ 204.3440, 24.9734,
-30.1197

■ 0.0000, 0.0000,
0.0000

■ 229.4510, 12.5957,
-26.7055

■ 246.6280, 4.1274,

-17.2138

■ 71.3110, 24.9897,
-35.3527

■ 71.3110, 24.9897,
-35.3527

■ 64.7880, 28.2055,
-40.1561

■ 77.8340, 21.7738,
-30.5494

■ 57.6780, 31.7107,
-44.4446

■ 84.9440, 18.2686,
-26.2609

■ 53.8240, 33.6108,
-47.2036

■ 91.7660, 14.9054,
-20.8428

■ 98.2890, 11.6895,
-16.0395

■ 105.3990, 8.1843,
-11.7509

■ 111.9220, 4.9685,
-6.9476

■ 119.0320, 1.4632,
-2.6591

■ 125.8540, -1.9000,
2.7590

■ 132.3770, -5.1159,
7.5624

Harmonies

Analogous

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



64.0650, 24.6180, -56.1850



71.3110, 24.9897, -35.3527



79.0160, 19.2191, -4.3990

Triad

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



71.3110, 24.9897, -35.3527



79.2280, -8.9864, 35.7570



71.0500, -9.3916, -21.0918

Complementary

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



71.3110, 24.9897, -35.3527



81.6890, -24.9897, 35.3527

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.



75.0650, -18.7660, -0.9340



71.3110, 24.9897, -35.3527



78.0070, -17.2585, 28.9349

Square

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



71.3110, 24.9897, -35.3527



80.2520, 1.3548, 32.2280



76.8930, -21.1462, 15.8798



61.2660, 6.2779, -53.7303

Rectangle

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



71.3110, 24.9897, -35.3527



81.1490, 14.2235, 11.2703



76.8930, -21.1462, 15.8798



72.7690, -13.1971, -13.8294

Sweetspot

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



71.3110, 24.9897, -35.3527



138.7300, 9.5001, -13.7952



88.8630, -9.2995, -50.7459



67.4380, 5.7001, -8.2771



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.



71.3110, 24.9897, -35.3527



79.1480, 38.8740, -55.3808



44.8960, 38.0123, -12.1868



58.0320, 1.4632, -2.6591



55.3400, 34.3424, -48.5332



111.4950, 69.2690, -97.7811

Inverse Universe

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



64.0230, 8.8627, 50.8458



67.5780, 14.0120, 79.3001



108.1040, -38.0123, 12.1868



57.2500, 0.8628, 3.2887



45.3550, 12.1500, 69.8487



91.4220, 24.4420, 140.8269

Previews

White Background



This preview shows how the YUV color 71.3110, 24.9897, -35.3527 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 71.3110, 24.9897, -35.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

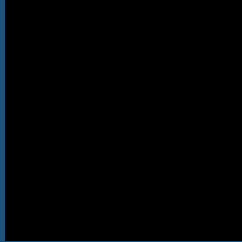
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3110, 24.9897, -35.3527

Background



This preview shows how black text looks on a background with the YUV color 71.3110, 24.9897, -35.3527.



This preview shows how white text looks on a background with the YUV color 71.3110, 24.9897,

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

71.3110, 24.9897, -35.3527

Protanopia

77.7870, 19.8250, -12.0912

Deuteranopia

76.2530, 23.0463, -18.6389

Trichromacy



Original Color

71.3110, 24.9897, -35.3527

Protanomaly

75.4870, 21.4519, -20.5981

Deuteranomaly

74.1490, 24.0835, -24.6867

Monochromacy



Original Color

71.3110, 24.9897, -35.3527

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0290, 9.3527, -13.1804

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3110, 24.9897, -35.3527 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(31, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(31, 82, 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(31, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 82, 122) }
```

Border

The CSS property to change the border of an element to YUV 71.3110, 24.9897, -35.3527 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(31, 82, 122) }
```

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

```
.border{ border-color:rgb(31, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(31, 82,  
122) }
```


Background

The CSS property to change the background color of an element to YUV 71.3110, 24.9897, -35.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 82, 122) }
```

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

```
.background{ background-color: rgb(31, 82,  
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](#).

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