

Converting Colors

YUV(70.6340, 55.3964,
-34.7590)

Have a look what the booklet for
YUV(70.6340, 55.3964, -34.7590)
contains.

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Color

**YUV(70.6340, 55.3964,
-34.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	1F45B7
RGB	31, 69, 183
RGB Percent	12%, 27%, 72%
CMY	0.8784, 0.7294, 0.2824
CMYK	0.83, 0.62, 0.00, 0.28
HSL	225°, 71%, 42%
HSV	225°, 83%, 72%
XYZ	11.2404, 7.9664, 45.7450
YIQ	70.6340, -59.2420, 27.3980

Conversions

Conversions Part 2

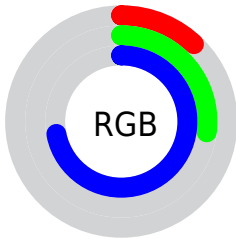
Format	Color
R_{YB}	31, 61, 183
Decimal	2049463
CIE _{Lab}	33.91, 30.28, -63.74
CIE _{LCh}	34, 70.564, 295.414
Yxy	7.9664, 0.1731, 0.1227
Android (android.graphics.Color)	4280239543 (0xFF1F45B7)
YUV	70.6340, 55.3964, -34.7590
Hunter-Lab	28.2249, 21.6933, -76.3358

Details

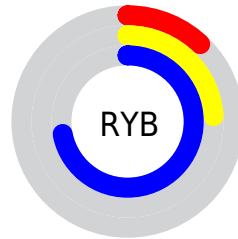
The YUV color **70.6340, 55.3964, -34.7590** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **143.3660, -55.3964, 34.7590**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1350, 55.6424, -20.2894**, and **30.5550, 48.5334, -26.7967** is the 20% darker color. If you saturate the color by 10%, you get **57.0340, 62.1012, -38.6178**, and if you desaturate by 10%, it is **84.2340, 48.6916, -30.9002**.

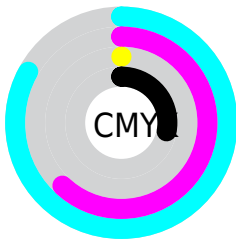
Distribution



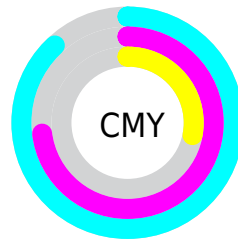
- Red (12%)
- Green (27%)
- Blue (72%)



- Red (12%)
- Yellow (24%)
- Blue (72%)



- Cyan (83%)
- Magenta (62%)
- Yellow (0%)
- Black (28%)



- Cyan (88%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6340, 55.3964, -34.7590 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 70.6340, 55.3964, -34.7590 by changing the saturation by 10% instead.

■ 70.6340, 55.3964,
-34.7590

■ 70.6340, 55.3964,
-34.7590

■ 255.0000, 0.0000,
0.0000

■ 45.3730, 54.5391,
-39.7921

■ 127.1350, 55.6424,
-20.2894

■ 30.5550, 48.5334,
-26.7967

■ 152.4900, 50.5374,
-16.2157

■ 15.2640, 43.2538,
-13.3865

■ 177.3090, 38.3017,
-11.6720

■ 13.0010, 32.0445,
-11.4019

■ 202.1280, 26.0659,
-7.1283

■ 9.0910, 22.1401,
-7.9728

■ 227.5340, 13.5407,
-3.0993

■ 4.8220, 13.3988,
-4.2289

■ 252.9400, 1.0156,

■ 0.4560, 1.7472,

0.9296

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 70.6340, 55.3964,
-34.7590

■ 70.6340, 55.3964,
-34.7590

■ 57.0340, 62.1012,
-38.6178

■ 84.2340, 48.6916,
-30.9002

■ 47.8640, 66.6220,
-41.9767

■ 97.5460, 42.1288,
-25.9118

■ 111.1460, 35.4240,
-22.0530

■ 124.7460, 28.7192,
-18.1942

■ 138.3460, 22.0144,
-14.3354

■ 151.6580, 15.4516,
-9.3471

■ 165.2580, 8.7468,
-5.4883

■ 178.8580, 2.0420,
-1.6295

■ 192.7570, -4.8102,
2.8441

Harmonies

Analogous

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



74.9460, 58.6936, -65.7276



70.6340, 55.3964, -34.7590



72.0430, 35.4748, 55.2133

Triad

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



70.6340, 55.3964, -34.7590



70.6560, -34.8334, 66.0767



67.1530, 0.9106, -58.8932

Complementary

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



70.6340, 55.3964, -34.7590



143.3660, -55.3964, 34.7590

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.



57.5260, -28.3603, -50.4503



70.6340, 55.3964, -34.7590



75.7190, -37.3295, 26.5564

Square

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



70.6340, 55.3964, -34.7590



54.9340, -9.3345, 100.9129



68.0790, -33.5629, -14.9783



74.3520, 25.9555, -65.2067

Rectangle

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



70.6340, 55.3964, -34.7590



60.8640, 23.7310, 88.6963



68.0790, -33.5629, -14.9783



64.2860, -7.5360, -56.3788

Sweetspot

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



70.6340, 55.3964, -34.7590



193.5310, 21.4302, -13.6207



133.2200, 5.8075, -89.6469



93.3870, 13.1202, -8.2324



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



70.6340, 55.3964, -34.7590



61.6510, 86.4471, -54.0679



59.6900, 60.7918, 8.1649



85.2000, 3.3524, -1.9294



40.6770, 56.8542, -35.6737



7.3010, 10.2046, -6.4030

Inverse Universe

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



80.7800, -5.8075, 89.6469



77.5890, -9.1644, 139.8034



154.3100, -60.7918, -8.1649



85.9190, -0.4531, 5.3330



51.0900, -5.9604, 92.0061



9.1700, -1.0698, 16.5139

Previews

White Background



This preview shows how the YUV color 70.6340, 55.3964, -34.7590 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 70.6340, 55.3964, -34.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

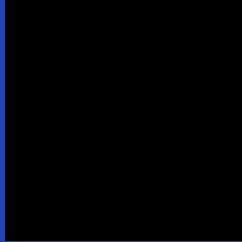
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6340, 55.3964, -34.7590

Background



This preview shows how black text looks on a background with the YUV color 70.6340, 55.3964, -34.7590.



This preview shows how white text looks on a background with the YUV color 70.6340, 55.3964,

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

70.6340, 55.3964, -34.7590

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

63.9800, 36.9849, -56.1105



Tritanopia

62.3720, 15.5926, -54.7002

Trichromacy



Original Color

70.6340, 55.3964, -34.7590

Protanomaly

66.1070, 51.2192, -48.3288

Deuteranomaly

66.1580, 43.7991, -48.3736

Tritanomaly

65.2000, 29.9744, -47.5334

Monochromacy



Original Color

70.6340, 55.3964, -34.7590

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6020, 20.4092, -12.8060

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6340, 55.3964, -34.7590 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, 69, 183)` looks like.

```
.text, #text, p{  
    color:rgb(31, 69, 183)  
}
```

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, 69, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 69, 183) }
```

Border

The CSS property to change the border of an element to YUV 70.6340, 55.3964, -34.7590 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, 69, 183) }
```


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

```
.border{ border-color:rgb(31, 69, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 69, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 69, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 69, 183);  
box-shadow:4px 4px 4px 4px rgb(31, 69,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 70.6340, 55.3964, -34.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 69, 183) }
```

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

```
.background{ background-color: rgb(31, 69,  
183) }
```

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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