

Converting Colors

YUV(70.7260, 42.5331,
-15.5457)

Have a look what the booklet for
YUV(70.7260, 42.5331, -15.5457)
contains.

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Color

**YUV(70.7260, 42.5331,
-15.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	353F9D
RGB	53, 63, 157
RGB Percent	21%, 25%, 62%
CMY	0.7922, 0.7529, 0.3843
CMYK	0.66, 0.60, 0.00, 0.38
HSL	234°, 50%, 41%
HSV	234°, 66%, 62%
XYZ	9.3315, 6.7462, 32.7086
YIQ	70.7260, -36.1340, 27.1140

Conversions

Conversions Part 2

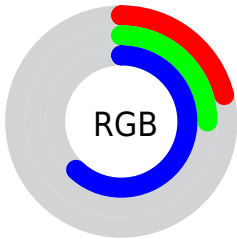
Format	Color
R_{YB}	53, 62, 157
Decimal	3489693
CIE _{Lab}	31.22, 27.12, -52.53
CIE _{LCh}	31, 59.116, 297.305
Yxy	6.7462, 0.1913, 0.1383
Android (android.graphics.Color)	4281679773 (0xFF353F9D)
YUV	70.7260, 42.5331, -15.5457
Hunter-Lab	25.9735, 18.6762, -56.4829

Details

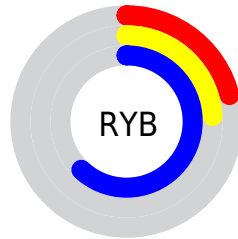
The YUV color **70.7260, 42.5331, -15.5457** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **139.2740, -42.5331, 15.5457**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8130, 43.9692, -9.4830**, and **24.2970, 39.7866, -21.3085** is the 20% darker color. If you saturate the color by 10%, you get **57.7240, 48.9431, -18.1749**, and if you desaturate by 10%, it is **83.7280, 36.1231, -12.9165**.

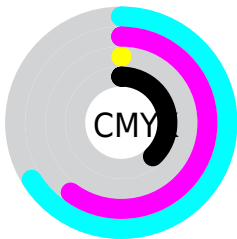
Distribution



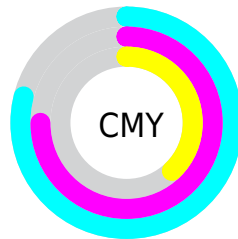
- Red (21%)
- Green (25%)
- Blue (62%)



- Red (21%)
- Yellow (24%)
- Blue (62%)



- Cyan (66%)
- Magenta (60%)
- Yellow (0%)
- Black (38%)



- Cyan (79%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7260, 42.5331, -15.5457 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 70.7260, 42.5331, -15.5457 by changing the saturation by 10% instead.

■ 70.7260, 42.5331,
-15.5457

■ 70.7260, 42.5331,
-15.5457

■ 255.0000, 0.0000,
0.0000

■ 42.7740, 43.0024,
-26.1118

■ 122.8130, 43.9692,
-9.4830

■ 24.2970, 39.7866,
-21.3085

■ 149.1660, 45.2742,
-8.0386

■ 9.1200, 34.9438,
-7.9982

■ 174.3960, 39.7378,
-5.6093

■ 9.3190, 23.0137,
-8.1728

■ 198.9160, 27.6494,
-1.6803

■ 5.0500, 14.2723,
-4.4289

■ 224.3220, 15.1243,
2.3486

■ 0.7980, 3.0576,
-0.6998

■ 249.1300, 2.8939,

■ 0.0000, 0.0000,

5.1480

0.0000

■ 70.7260, 42.5331,
-15.5457

■ 70.7260, 42.5331,
-15.5457

■ 57.7240, 48.9431,
-18.1749

■ 83.7280, 36.1231,
-12.9165

■ 45.0210, 55.2056,
-20.1894

■ 96.4310, 29.8605,
-10.9020

■ 31.4320, 61.9050,
-22.3039

■ 110.0200, 23.1611,
-8.7875

■ 26.7030, 64.2364,
-23.4185

■ 123.0220, 16.7512,
-6.1583

■ 136.0240, 10.3412,
-3.5290

■ 148.7270, 4.0786,
-1.5146

■ 161.7290, -2.3314,
1.1147

■ 175.3180, -9.0308,
3.2291

■ 188.0210,
-15.2934, 5.2436

Harmonies

Analogous

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



66.5850, 49.5046, -58.3950



70.7260, 42.5331, -15.5457



70.2840, 26.4820, 46.2319

Triad

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



70.7260, 42.5331, -15.5457



67.0350, -33.0483, 53.4663



61.7560, 3.0783, -54.1600

Complementary

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



70.7260, 42.5331, -15.5457



139.2740, -42.5331, 15.5457

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.



54.0670, -18.7670, -47.4168



70.7260, 42.5331, -15.5457



69.1960, -34.1136, 21.7531

Square

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



70.7260, 42.5331, -15.5457



55.4710, -10.5852, 82.0249



63.3720, -31.2424, -12.6042



67.7010, 23.3184, -59.3738

Rectangle

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



70.7260, 42.5331, -15.5457



53.8860, 20.2692, 79.0300



63.3720, -31.2424, -12.6042



59.2310, -4.0579, -51.9456

Sweetspot

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



70.7260, 42.5331, -15.5457



170.0220, 16.7512, -6.1583



124.7640, 10.9623, -62.9370



81.9100, 9.9044, -3.4291



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



70.7260, 42.5331, -15.5457



70.1590, 65.9836, -23.8184



77.4140, 39.2359, 15.4229



72.4990, 3.2050, -1.3146



24.5200, 58.4106, -21.5040



2.2970, 6.2626, -2.0145

Inverse Universe

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



85.2360, -10.9623, 62.9370



92.8490, -17.1806, 97.4794



132.5860, -39.2359, -15.4229



73.5060, -0.7425, 4.8182



44.3530, -14.9640, 86.5134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 70.7260, 42.5331, -15.5457 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 70.7260, 42.5331, -15.5457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

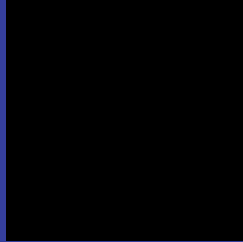
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7260, 42.5331, -15.5457

Background



This preview shows how black text looks on a background with the YUV color 70.7260, 42.5331, -15.5457.



This preview shows how white text looks on a background with the YUV color 70.7260, 42.5331,

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

70.7260, 42.5331, -15.5457

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

58.7310, 34.6426, -51.5071



Tritanopia

57.5790, 14.9976, -50.4968

Trichromacy



Original Color

70.7260, 42.5331, -15.5457

Protanomaly

63.0390, 44.3508, -38.6222

Deuteranomaly

63.2040, 37.3674, -38.7669

Tritanomaly

62.0010, 25.1425, -37.7119

Monochromacy



Original Color

70.7260, 42.5331, -15.5457

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6800, 15.4408, -5.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7260, 42.5331, -15.5457 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(53, 63, 157)` looks like.

```
.text, #text, p{  
    color:rgb(53, 63, 157)  
}
```

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(53, 63, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 63, 157) }
```

Border

The CSS property to change the border of an element to YUV 70.7260, 42.5331, -15.5457 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(53, 63, 157) }
```


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

```
.border{ border-color:rgb(53, 63, 157) }
```

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

Here you see how a box with a 4 pixel rgb(53, 63, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 63, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 63, 157);  
box-shadow:4px 4px 4px 4px rgb(53, 63,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 70.7260, 42.5331, -15.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 63, 157) }
```

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

```
.background{ background-color: rgb(53, 63,  
157) }
```

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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