

Converting Colors

YUV(42.5040, 55.9535,
-26.7520)

Have a look what the booklet for
YUV(42.5040, 55.9535, -26.7520)
contains.

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Color

**YUV(42.5040, 55.9535,
-26.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	0C249C
RGB	12, 36, 156
RGB Percent	5%, 14%, 61%
CMY	0.9529, 0.8588, 0.3882
CMYK	0.92, 0.77, 0.00, 0.39
HSL	230°, 86%, 33%
HSV	230°, 92%, 61%
XYZ	6.7832, 3.7402, 31.8169
YIQ	42.5040, -52.8240, 32.2320

Conversions

Conversions Part 2

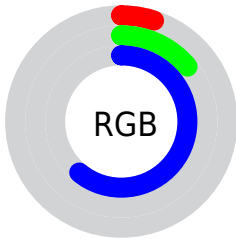
Format	Color
R_{YB}	12, 33, 156
Decimal	795804
CIE _{Lab}	22.79, 40.18, -65.83
CIE _{LCh}	23, 77.128, 301.400
Yxy	3.7402, 0.1602, 0.0883
Android (android.graphics.Color)	4278985884 (0xFF0C249C)
YUV	42.5040, 55.9535, -26.7520
Hunter-Lab	19.3396, 28.7633, -84.0041

Details

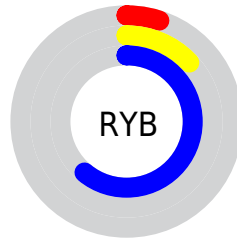
The YUV color **42.5040, 55.9535, -26.7520** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **125.4960, -55.9535, 26.7520**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8100, 55.3097, -6.8494**, and **11.7420, 44.9902, -10.2977** is the 20% darker color. If you saturate the color by 10%, you get **33.0460, 60.6163, -28.9813**, and if you desaturate by 10%, it is **54.9190, 49.8329, -23.6080**.

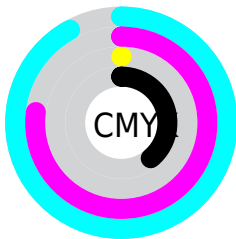
Distribution



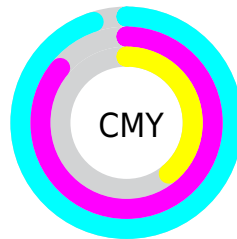
- Red (5%)
- Green (14%)
- Blue (61%)



- Red (5%)
- Yellow (13%)
- Blue (61%)



- Cyan (92%)
- Magenta (77%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (86%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5040, 55.9535, -26.7520 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 42.5040, 55.9535, -26.7520 by changing the saturation by 10% instead.

■ 42.5040, 55.9535,
-26.7520

■ 42.5040, 55.9535,
-26.7520

■ 255.0000, 0.0000,
0.0000

■ 23.5110, 52.0061,
-20.6191

■ 99.8100, 55.3097,
-6.8494

■ 11.7420, 44.9902,
-10.2977

■ 126.1740, 56.6092,
-3.6606

■ 10.6530, 33.2021,
-9.3427

■ 151.7030, 50.9254,
-0.6165

■ 9.0910, 22.1401,
-7.9728

■ 175.9350, 38.9790,
4.4420

■ 4.8220, 13.3988,
-4.2289

■ 200.7540, 26.7433,
8.9857

■ 0.4560, 1.7472,
-0.3999

■ 226.1600, 14.2181,

■ 0.0000, 0.0000,

13.0147

0.0000

247.3690, 3.7621,
6.6924

42.5040, 55.9535,
-26.7520

42.5040, 55.9535,
-26.7520

33.0460, 60.6163,
-28.9813

54.9190, 49.8329,
-23.6080

67.0350, 43.8597,
-21.0787

79.4500, 37.7392,
-17.9346

91.5660, 31.7660,
-15.4054

103.9810, 25.6454,
-12.2613

■ 116.3960, 19.5248,
-9.1173

■ 128.5120, 13.5516,
-6.5880

■ 140.9270, 7.4310,
-3.4440

■ 153.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



57.4040, 57.4818, -50.3433



42.5040, 55.9535, -26.7520



48.2350, 30.9431, 62.0609

Triad

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



42.5040, 55.9535, -26.7520



44.9180, -22.1446, 56.1999



49.2350, 3.3351, -43.1791

Complementary

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



42.5040, 55.9535, -26.7520



125.4960, -55.9535, 26.7520

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.



41.6770, -20.5468, -36.5507



42.5040, 55.9535, -26.7520



51.4320, -25.3560, 12.7761

Square

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



42.5040, 55.9535, -26.7520



41.2620, -20.3422, 84.8392



38.7420, -19.0998, -33.9767



57.0210, 28.0906, -50.0074

Rectangle

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



42.5040, 55.9535, -26.7520



50.5950, 11.5387, 79.2852



38.7420, -19.0998, -33.9767



46.8410, -5.8376, -41.0796

Sweetspot

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



42.5040, 55.9535, -26.7520



158.7810, 22.2930, -10.3319



110.2080, 10.7435, -86.1284



74.5120, 13.5516, -6.5880



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.



42.5040, 55.9535, -26.7520



43.2140, 79.2675, -37.8987



42.7680, 55.8234, 15.1125



72.4990, 3.2050, -1.3146



30.3900, 55.5167, -26.6520



3.4710, 5.6838, -3.0441

Inverse Universe

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



57.7920, -10.7435, 86.1284



64.8720, -15.2199, 122.0153



125.2320, -55.8234, -15.1125



73.5060, -0.7425, 4.8182



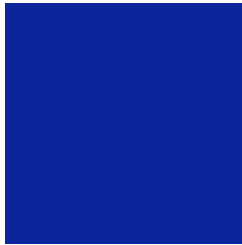
45.4930, -10.5960, 85.5136



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 42.5040, 55.9535, -26.7520 looks on a white background.

Color Contrast Check

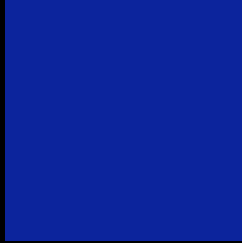
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5040, 55.9535, -26.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

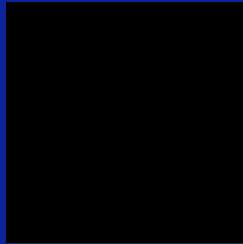
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.5040, 55.9535, -26.7520

Background



This preview shows how black text looks on a background with the YUV color 42.5040, 55.9535, -26.7520.



This preview shows how white text looks on a background with the YUV color 42.5040, 55.9535,

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

42.5040, 55.9535, -26.7520

Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

44.2890, 25.0005, -38.8415



Tritanopia

43.1030, 10.3022, -37.8013

Trichromacy



Original Color

42.5040, 55.9535, -26.7520

Protanomaly

43.3770, 41.7191, -34.5336

Deuteranomaly

43.2970, 36.3356, -34.4635

Tritanomaly

42.7780, 26.7314, -34.0083

Monochromacy



Original Color

42.5040, 55.9535, -26.7520

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.6240, 20.3984, -9.3172

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5040, 55.9535, -26.7520 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(12, 36, 156)` looks like.

```
.text, #text, p{  
    color:rgb(12, 36, 156)  
}
```

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(12, 36, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 36, 156) }
```

Border

The CSS property to change the border of an element to YUV 42.5040, 55.9535, -26.7520 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(12, 36, 156) }
```


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

```
.border{ border-color:rgb(12, 36, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 36, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 36, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 36, 156);  
box-shadow:4px 4px 4px 4px rgb(12, 36,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 42.5040, 55.9535, -26.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 36, 156) }
```

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

```
.background{ background-color: rgb(12, 36,  
156) }
```

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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