

Converting Colors

YUV(110.5200, 38.1976,
-25.0120)

Have a look what the booklet for
YUV(110.5200, 38.1976, -25.0120)
contains.

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Color

**YUV(110.5200, 38.1976,
-25.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	526EBC
RGB	82, 110, 188
RGB Percent	32%, 43%, 74%
CMY	0.6784, 0.5686, 0.2627
CMYK	0.56, 0.41, 0.00, 0.26
HSL	224°, 44%, 53%
HSV	224°, 56%, 74%
XYZ	18.1327, 16.5765, 49.8208
YIQ	110.5200, -41.7260, 18.3220

Conversions

Conversions Part 2

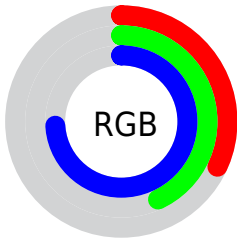
Format	Color
R _Y B	82, 104, 188
Decimal	5402300
CIE Lab	47.72, 13.17, -44.25
CIE LCh	48, 46.169, 286.577
Yxy	16.5765, 0.2145, 0.1961
Android (android.graphics.Color)	4283592380 (0xFF526EBC)
YUV	110.5200, 38.1976, -25.0120
Hunter-Lab	40.7143, 8.2476, -44.0514

Details

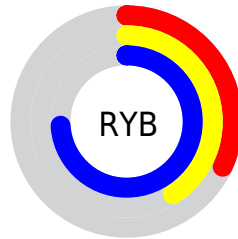
The YUV color **110.5200, 38.1976, -25.0120** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **159.4800, -38.1976, 25.0120**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9980, 39.9340, -21.9232**, and **55.5460, 38.6778, -39.0668** is the 20% darker color. If you saturate the color by 10%, you get **96.6210, 45.0498, -29.4856**, and if you desaturate by 10%, it is **124.4190, 31.3454, -20.5385**.

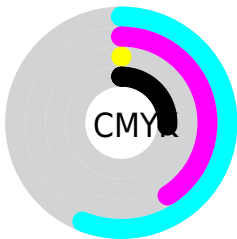
Distribution



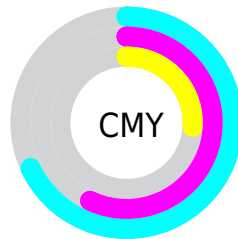
- Red (32%)
- Green (43%)
- Blue (74%)



- Red (32%)
- Yellow (41%)
- Blue (74%)



- Cyan (56%)
- Magenta (41%)
- Yellow (0%)
- Black (26%)



- Cyan (68%)
- Magenta (57%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.5200, 38.1976, -25.0120 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 110.5200, 38.1976, -25.0120 by changing the saturation by 10% instead.

■ 110.5200, 38.1976,
-25.0120

■ 110.5200, 38.1976,
-25.0120

■ 255.0000, 0.0000,
0.0000

■ 84.3840, 37.7717,
-28.4008

■ 163.9980, 39.9340,
-21.9232

■ 55.5460, 38.6778,
-39.0668

■ 189.3590, 32.3610,
-19.6088

■ 36.9660, 35.0198,
-32.4192

■ 214.4660, 19.9833,
-16.1947

■ 22.4900, 30.3244,
-19.7237

■ 239.5730, 7.6055,
-12.7805

■ 8.6010, 25.3397,
-7.5431

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 110.5200, 38.1976,
-25.0120

■ 110.5200, 38.1976,
-25.0120

■ 96.6210, 45.0498,
-29.4856

■ 124.4190, 31.3454,
-20.5385

■ 82.7220, 51.9021,
-33.9592

■ 138.3180, 24.4932,
-16.0649

■ 69.1220, 58.6069,
-37.8180

■ 151.9180, 17.7884,
-12.2061

■ 55.8100, 65.1697,
-42.8064

■ 165.2300, 11.2256,
-7.2177

■ 50.7820, 67.6485,
-44.5358

■ 179.1290, 4.3734,
-2.7441

■ 193.0280, -2.4788,
1.7294

■ 206.9270, -9.3310,
6.2030

■ 220.5270,
-16.0358, 10.0618

■ 234.4260,
-22.8880, 14.5354

Harmonies

Analogous

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



93.7470, 46.9597, -82.2161



110.5200, 38.1976, -25.0120



116.9730, 24.6633, 22.8257

Triad

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



110.5200, 38.1976, -25.0120



111.4680, -26.3597, 54.8406



87.6130, 3.1488, -76.8366

Complementary

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



110.5200, 38.1976, -25.0120



159.4800, -38.1976, 25.0120

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.



100.7920, -21.5895, -28.7586



110.5200, 38.1976, -25.0120



109.9480, -37.9354, 34.2486

Square

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



110.5200, 38.1976, -25.0120



111.7030, -9.2206, 64.2815



106.7010, -36.8276, 5.5242



92.7600, 20.3313, -81.3505

Rectangle

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



110.5200, 38.1976, -25.0120



115.7710, 14.4099, 44.9278



106.7010, -36.8276, 5.5242



87.6370, -3.2720, -70.7186

Sweetspot

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



110.5200, 38.1976, -25.0120



214.2450, 15.1622, -9.8619



153.1140, 3.3948, -62.3670



104.2580, 8.7468, -5.4883



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



110.5200, 38.1976, -25.0120



122.8660, 60.2121, -39.3475



101.5590, 42.6154, 4.7718



87.2000, 3.3524, -1.9294



42.6660, 56.8597, -37.4181



8.2300, 11.2256, -7.2177

Inverse Universe

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



116.8860, -3.3948, 62.3670



132.9490, -5.3979, 98.2687



168.4410, -42.6154, -4.7718



87.9190, -0.4531, 5.3330



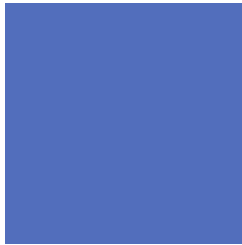
52.0300, -4.9448, 92.9357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 110.5200, 38.1976, -25.0120 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 × Fail

Black Background



This preview shows how the YUV color 110.5200, 38.1976, -25.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

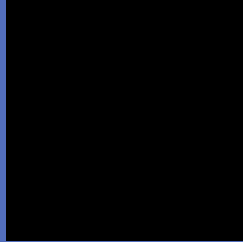
Any Text WCAG AA × Fail

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 110.5200, 38.1976, -25.0120 Background



This preview shows how black text looks on a background with the YUV color 110.5200, 38.1976, -25.0120.



This preview shows how white text looks on a background with the YUV color 110.5200, 38.1976, -25.0120.

-25.0120.

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

110.5200, 38.1976, -25.0120

Protanopia

110.2210, 38.3450, -25.6268

Deuteranopia

107.3720, 39.2566, -38.0372



Tritanopia

104.6020, 13.5072, -39.1160

Trichromacy



Original Color

110.5200, 38.1976, -25.0120

Protanomaly

110.2210, 38.3450, -25.6268

Deuteranomaly

108.8780, 38.5141, -33.2190

Tritanomaly

106.9260, 22.2215, -34.1381

Monochromacy



Original Color

110.5200, 38.1976, -25.0120

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9030, 13.8518, -9.5619

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.5200, 38.1976, -25.0120 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(82, 110, 188)` looks like.

```
.text, #text, p{  
    color:rgb(82, 110, 188)  
}
```

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(82, 110, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 110, 188) }
```

Border

The CSS property to change the border of an element to YUV 110.5200, 38.1976, -25.0120 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(82, 110, 188) }
```


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

```
.border{ border-color:rgb(82, 110, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 110, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 110, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 110, 188);  
box-shadow:4px 4px 4px 4px rgb(82, 110,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 110.5200, 38.1976, -25.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 110, 188) }
```

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

```
.background{ background-color: rgb(82, 110,  
188) }
```

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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