

Converting Colors

YUV(126.2100, 45.2525,
-1.0612)

Have a look what the booklet for
YUV(126.2100, 45.2525, -1.0612)
contains.

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Color

**YUV(126.2100, 45.2525,
-1.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6DDA
RGB	125, 109, 218
RGB Percent	49%, 43%, 85%
CMY	0.5098, 0.5725, 0.1451
CMYK	0.43, 0.50, 0.00, 0.15
HSL	249°, 60%, 64%
HSV	249°, 50%, 85%
XYZ	26.5810, 20.3592, 68.8584
YIQ	126.2100, -25.4530, 37.2910

Conversions

Conversions Part 2

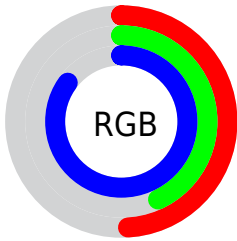
Format	Color
R _Y B	125, 109, 218
Decimal	8220122
CIE Lab	52.24, 32.83, -54.01
CIE LCh	52, 63.210, 301.294
Yxy	20.3592, 0.2295, 0.1758
Android (android.graphics.Color)	4286410202 (0xFF7D6DDA)
YUV	126.2100, 45.2525, -1.0612
Hunter-Lab	45.1212, 26.1926, -58.8963

Details

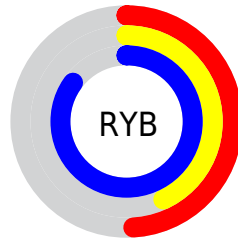
The YUV color $126.2100, 45.2525, -1.0612$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $200.7900, -45.2525, 1.0612$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.9950, 37.9635, 3.5124$, and $74.6070, 43.0847, -5.7943$ is the 20% darker color. If you saturate the color by 10%, you get $107.6150, 54.4198, -1.4164$, and if you desaturate by 10%, it is $144.8050, 36.0851, -0.7060$.

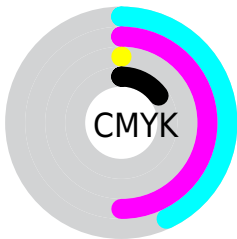
Distribution



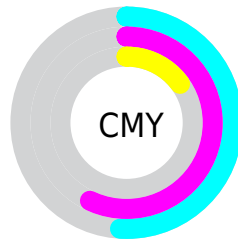
- Red (49%)
- Green (43%)
- Blue (85%)



- Red (49%)
- Yellow (43%)
- Blue (85%)



- Cyan (43%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2100, 45.2525, -1.0612 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 126.2100, 45.2525, -1.0612 by changing the saturation by 10% instead.

■ 126.2100, 45.2525,
-1.0612

■ 126.2100, 45.2525,
-1.0612

255.0000, 0.0000,
0.0000

■ 99.9710, 44.3843,
-2.6056

■ 177.9950, 37.9635,
3.5124

■ 74.6070, 43.0847,
-5.7943

■ 202.5150, 25.8751,
7.4413

■ 49.3460, 42.2274,
-10.8274

■ 227.6220, 13.4974,
10.8555

■ 23.1060, 42.8387,
-20.2640

■ 248.5430, 3.1833,
5.6628

■ 9.6900, 37.1278,
-8.4981

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 126.2100, 45.2525,
-1.0612

■ 126.2100, 45.2525,
-1.0612

■ 107.6150, 54.4198,
-1.4164

■ 144.8050, 36.0851,
-0.7060

■ 89.3190, 63.4397,
-1.1568

■ 163.1010, 27.0652,
-0.9656

■ 71.3110, 72.3177,
-2.0267

■ 181.1090, 18.1873,
-0.0956

■ 53.0150, 81.3376,
-1.7672

■ 199.4050, 9.1673,
-0.3552

■ 34.4200, 90.5049,
-2.1223

■ 218.0000, 0.0000,
0.0000

■ 236.5950, -9.1673,
0.3552

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



102.9860, 64.5899, -90.3187



126.2100, 45.2525, -1.0612



126.1220, 25.5759, 56.8980

Triad

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



126.2100, 45.2525, -1.0612



119.0780, -48.3525, 62.1986



101.7130, 11.4805, -89.2023

Complementary

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



126.2100, 45.2525, -1.0612



200.7900, -45.2525, 1.0612

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.



93.5680, -12.1120, -82.0591



126.2100, 45.2525, -1.0612



116.4530, -57.4113, 27.6667

Square

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



126.2100, 45.2525, -1.0612



117.9910, -22.6736, 85.9539



109.3660, -48.9874, -14.3530



107.9830, 35.5044, -94.7011

Rectangle

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



126.2100, 45.2525, -1.0612



120.4920, 11.0964, 81.1295



109.3660, -48.9874, -14.3530



98.9600, 3.4707, -86.7879

Sweetspot

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



126.2100, 45.2525, -1.0612



222.8270, 15.8613, -0.7253



176.6040, 20.4082, -59.2887



108.5190, 9.6041, -0.4552



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



126.2100, 45.2525, -1.0612



126.0200, 63.5871, -1.7715



142.0570, 37.4399, 31.5220



100.5530, 4.6574, -0.4850



27.1970, 71.8809, -1.9268



7.3370, 19.0609, -0.2955

Inverse Universe

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



152.1930, 24.5549, 57.7127



162.6810, 34.6673, 80.9638



184.9430, -37.4399, -31.5220



103.3150, 2.3097, 5.8627



68.5990, 39.1447, 91.5597



18.2000, 10.2544, 24.3806

Previews

White Background



This preview shows how the YUV color 126.2100, 45.2525, -1.0612 looks on a white 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

Black Background



This preview shows how the YUV color 126.2100, 45.2525, -1.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

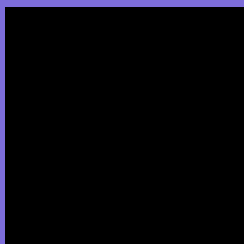
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.2100, 45.2525, -1.0612

Background



This preview shows how black text looks on a background with the YUV color 126.2100, 45.2525, -1.0612.



This preview shows how white text looks on a background with the YUV color 126.2100, 45.2525, -1.0612.

-1.0612.

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

126.2100, 45.2525, -1.0612

Protanopia

117.5790, 55.4236, -43.4808

Deuteranopia

114.8030, 48.9041, -52.4472



Tritanopia

122.2630, 7.7583, -15.1397

Trichromacy



Original Color

126.2100, 45.2525, -1.0612

Protanomaly

121.0540, 51.7384, -28.1114

Deuteranomaly

118.8700, 47.3921, -34.0890

Tritanomaly

123.5530, 21.4194, -10.1320

Monochromacy



Original Color

126.2100, 45.2525, -1.0612

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2400, 16.1507, -0.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2100, 45.2525, -1.0612 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(125, 109, 218)` looks like.

```
.text, #text, p{  
    color:rgb(125, 109, 218)  
}
```

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(125, 109, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 109, 218) }
```

Border

The CSS property to change the border of an element to YUV 126.2100, 45.2525, -1.0612 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(125, 109, 218) }
```


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

```
.border{ border-color:rgb(125, 109, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 109, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 109, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 109, 218); box-shadow:4px 4px 4px 4px rgb(125, 109, 218) }
```

Background

The CSS property to change the background color of an element to YUV 126.2100, 45.2525, -1.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 109, 218) }
```

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

```
.background{ background-color: rgb(125,  
109, 218) }
```

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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