

Converting Colors

YUV(162.2520, 38.3298,
26.0890)

Have a look what the booklet for
YUV(162.2520, 38.3298, 26.0890)
contains.

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Color

**YUV(162.2520, 38.3298,
26.0890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C084F0 |
| RGB | 192, 132, 240 |
| RGB Percent | 75%, 52%, 94% |
| CMY | 0.2471, 0.4824, 0.0588 |
| CMYK | 0.20, 0.45, 0.00, 0.06 |
| HSL | 273°, 78%, 73% |
| HSV | 273°, 45%, 94% |
| XYZ | 45.7177, 34.0003, 86.5912 |
| YIQ | 162.2520, 1.0920, 46.3080 |

Conversions

Conversions Part 2

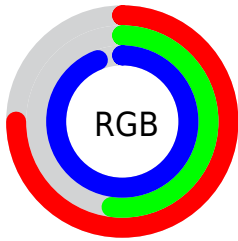
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 192, 132, 240 |
| Decimal | 12616944 |
| CIE Lab | 64.96, 42.78, -45.71 |
| CIE LCh | 65, 62.604, 313.107 |
| Yxy | 34.0003, 0.2749, 0.2044 |
| Android (android.graphics.Color) | 4290807024 (0xFFC084F0) |
| YUV | 162.2520, 38.3298, 26.0890 |
| Hunter-Lab | 58.3097, 37.9106, -47.2301 |

Details

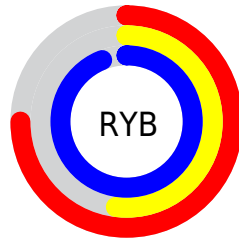
The YUV color **162.2520, 38.3298, 26.0890** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **209.7480, -38.3298, -26.0890**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0020, 20.7050, 32.4472**, and **109.0730, 36.4460, 23.6150** is the 20% darker color. If you saturate the color by 10%, you get **144.8750, 46.8966, 31.6816**, and if you desaturate by 10%, it is **179.6290, 29.7629, 20.4964**.

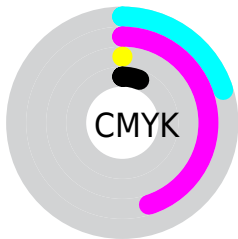
Distribution



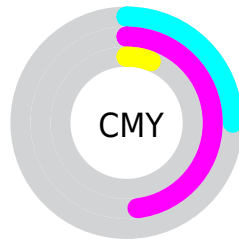
- Red (75%)
- Green (52%)
- Blue (94%)



- Red (75%)
- Yellow (52%)
- Blue (94%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (6%)





- Cyan (25%)
- Magenta (48%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.2520, 38.3298, 26.0890 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 162.2520, 38.3298, 26.0890 by changing the saturation by 10% instead.


 162.2520, 38.3298,
26.0890


 162.2520, 38.3298,
26.0890


255.0000, 0.0000,
0.0000

 135.3120, 37.3142,
25.1594


 213.0020, 20.7050,
32.4472


 109.0730, 36.4460,
23.6150


 230.9330, 11.8650,
21.1068

 83.2470, 35.8672,
22.5854

 247.9560, 3.4727,
6.1776

 57.8340, 35.5778,
22.0706

 30.3610, 36.3040,
22.4854

 17.6770, 30.2322,
9.9303

 6.3840, 24.4607,

-5.5988

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 162.2520, 38.3298,
26.0890

■ 162.2520, 38.3298,
26.0890

■ 144.8750, 46.8966,
31.6816

■ 179.6290, 29.7629,
20.4964

■ 127.7970, 55.3161,
37.8890

■ 196.7070, 21.3434,
14.2890

■ 110.4200, 63.8829,
43.4817

■ 214.0840, 12.7766,
8.6963

■ 93.0430, 72.4498,
49.0743

■ 231.4610, 4.2097,
3.1037

■ 75.9650, 80.8693,
55.2817

■ 248.5390, -4.2097,
-3.1037

■ 67.1270, 85.2264,
57.7706

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



148.4490, 52.5296, -48.6288



162.2520, 38.3298, 26.0890



159.1150, 16.2123, 73.5671

Triad

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



162.2520, 38.3298, 26.0890



152.5300, -53.9983, 53.0322



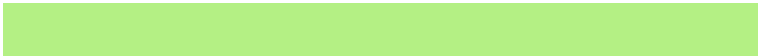
129.2290, 25.5231, -113.3338

Complementary

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



162.2520, 38.3298, 26.0890



209.7480, -38.3298, -26.0890

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.



120.8560, 1.0570, -105.9907



162.2520, 38.3298, 26.0890



148.7070, -56.0576, 13.4120

Square

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



162.2520, 38.3298, 26.0890



154.3420, -35.1716, 81.2611



140.6050, -34.8083, -35.6106



133.3960, 49.1048, -116.9883

Rectangle

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



162.2520, 38.3298, 26.0890



154.8490, -0.4186, 87.8324



140.6050, -34.8083, -35.6106



126.4760, 17.5133, -110.9195

Sweetspot

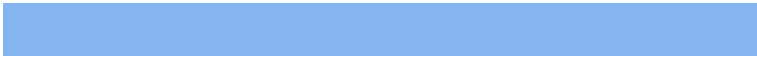
The Sweet Spot groups the original color and five complimentary colors.



162.2520, 38.3298, 26.0890



229.0840, 12.7766, 8.6963



173.0750, 32.9940, -36.0228



112.0960, 7.8407, 5.1778



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.



162.2520, 38.3298, 26.0890



155.7550, 48.9278, 33.5409



176.0340, 29.0702, 56.0982



111.4610, 4.2097, 3.1037



51.4740, 65.3353, 44.3113



15.6530, 19.8911, 13.4593

Inverse Universe

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



169.7640, 5.0463, 61.5970



165.3300, 6.7393, 78.6406



195.9660, -29.0702, -56.0982



112.1580, 0.4151, 6.8774



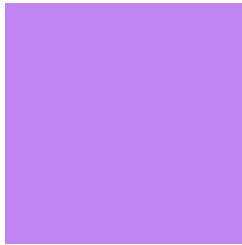
64.3640, 8.6945, 104.9208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 162.2520, 38.3298, 26.0890 looks on a white background.

Color Contrast Check

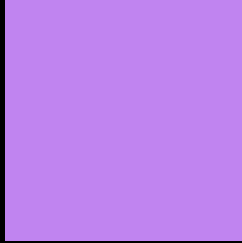
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 162.2520, 38.3298, 26.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

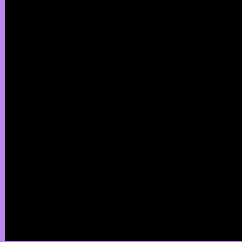
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.2520, 38.3298, 26.0890

Background



This preview shows how black text looks on a background with the YUV color 162.2520, 38.3298, 26.0890.



This preview shows how white text looks on a background with the YUV color 162.2520, 38.3298,

26.0890.

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

162.2520, 38.3298, 26.0890

Protanopia

155.3370, 49.1339, -32.7445

Deuteranopia

155.7260, 39.0821, -28.7007



Tritanopia

159.9250, 0.5300, 16.7288

Trichromacy



Original Color

162.2520, 38.3298, 26.0890



Protanomaly

158.1440, 45.2850, -11.5273



Deuteranomaly

158.1460, 38.8750, -8.8980



Tritanomaly

160.6170, 14.4858, 20.5069

Monochromacy



Original Color

162.2520, 38.3298, 26.0890



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.0240, 13.7922, 9.6260

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2520, 38.3298, 26.0890 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(192, 132, 240)` looks like.

```
.text, #text, p{  
    color:rgb(192, 132, 240)  
}
```

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(192, 132, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 132, 240) }
```

Border

The CSS property to change the border of an element to YUV 162.2520, 38.3298, 26.0890 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(192, 132, 240) }
```


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

```
.border{ border-color:rgb(192, 132, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 132, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 132, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 132, 240);  
box-shadow:4px 4px 4px 4px rgb(192, 132,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 162.2520, 38.3298, 26.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 132, 240) }
```

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

```
.background{ background-color: rgb(192,  
132, 240) }
```

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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