

Converting Colors

YUV(162.2240, 40.8086,
24.3596)

Have a look what the booklet for
YUV(162.2240, 40.8086, 24.3596)
contains.

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Color

**YUV(162.2240, 40.8086,
24.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	BE84F5
RGB	190, 132, 245
RGB Percent	75%, 52%, 96%
CMY	0.2549, 0.4824, 0.0392
CMYK	0.22, 0.46, 0.00, 0.04
HSL	271°, 85%, 74%
HSV	271°, 46%, 96%
XYZ	45.9679, 34.0423, 90.5342
YIQ	162.2240, -1.7050, 47.4390

Conversions

Conversions Part 2

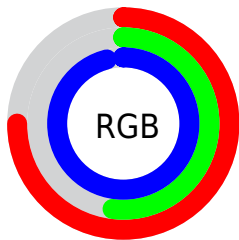
Format	Color
RYB	190, 132, 245
Decimal	12485877
CIELab	65.00, 43.35, -48.42
CIELCh	65, 64.990, 311.839
Yxy	34.0423, 0.2695, 0.1996
Android (android.graphics.Color)	4290675957 (0xFFBE84F5)
YUV	162.2240, 40.8086, 24.3596
Hunter-Lab	58.3457, 38.5268, -51.1574

Details

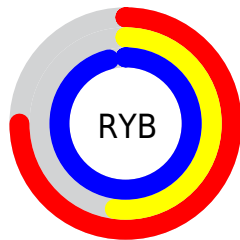
The YUV color **162.2240, 40.8086, 24.3596** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **214.7760, -40.8086, -24.3596**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4040, 20.9998, 31.2177**, and **109.0450, 38.9248, 21.8855** is the 20% darker color. If you saturate the color by 10%, you get **144.5480, 49.5228, 29.3374**, and if you desaturate by 10%, it is **180.4870, 31.8049, 18.8669**.

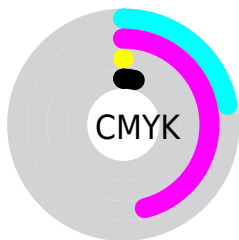
Distribution



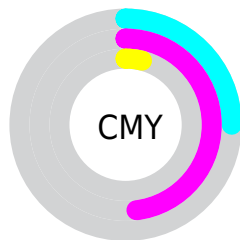
- Red (75%)
- Green (52%)
- Blue (96%)



- Red (75%)
- Yellow (52%)
- Blue (96%)



- Cyan (22%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)




- Cyan (25%)
- Magenta (48%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.2240, 40.8086, 24.3596 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 162.2240, 40.8086, 24.3596 by changing the saturation by 10% instead.

 162.2240, 40.8086,
24.3596


 162.2240, 40.8086,
24.3596


255.0000, 0.0000,
0.0000


 135.2840, 39.7930,
23.4299


 212.4040, 20.9998,
31.2177


 109.0450, 38.9248,
21.8855


 230.9330, 11.8650,
21.1068

 83.2190, 38.3460,
20.8559

 247.9560, 3.4727,
6.1776

 57.3930, 37.7673,
19.8263

 29.9200, 38.4934,
20.2412

 16.9370, 32.5691,
7.0713

 6.7260, 25.7711,

-5.8987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 162.2240, 40.8086,
24.3596

■ 162.2240, 40.8086,
24.3596

■ 144.5480, 49.5228,
29.3374

■ 180.4870, 31.8049,
18.8669

■ 126.2850, 58.5265,
34.8301

■ 198.1630, 23.0906,
13.8890

■ 108.6090, 67.2408,
39.8079

■ 216.4260, 14.0870,
8.3964

■ 90.3460, 76.2444,
45.3006

■ 234.1020, 5.3727,
3.4185

■ 72.6700, 84.9587,
50.2784

■ 252.3650, -3.6309,
-2.0741

■ 65.6040, 88.4422,
52.9673

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



145.1490, 54.1565, -57.1357



162.2240, 40.8086, 24.3596



158.5820, 17.9541, 74.9116

Triad

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



162.2240, 40.8086, 24.3596



152.3840, -55.8983, 55.7912



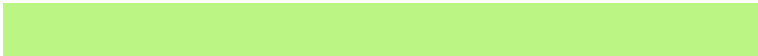
129.1150, 25.0863, -113.2339

Complementary

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



162.2240, 40.8086, 24.3596



214.7760, -40.8086, -24.3596

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.



120.9870, -0.9796, -106.1056



162.2240, 40.8086, 24.3596



147.5780, -60.4310, 16.1561

Square

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



162.2240, 40.8086, 24.3596



153.7770, -34.8931, 85.2646



140.8070, -37.8659, -34.9107



134.0970, 49.2522, -117.6031

Rectangle

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



162.2240, 40.8086, 24.3596



153.4300, 1.7600, 89.0769



140.8070, -37.8659, -34.9107



126.8350, 16.3503, -111.2343

Sweetspot

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



162.2240, 40.8086, 24.3596



228.7850, 12.9240, 8.0816



178.3410, 32.8629, -40.6411



111.7970, 7.9881, 4.5630



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.



162.2240, 40.8086, 24.3596



152.4880, 50.5384, 30.2670



178.6690, 32.7012, 58.1723



113.1620, 4.3571, 2.4889



49.9080, 67.0934, 40.4227



15.6960, 21.3489, 12.5446

Inverse Universe

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



172.0570, 7.3669, 63.9710



164.6120, 9.0653, 79.2703



198.3310, -32.7012, -58.1723



114.2720, 0.8519, 6.7775



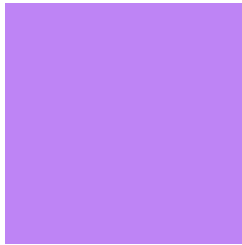
65.9880, 12.3309, 105.2505



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 162.2240, 40.8086, 24.3596 looks on a white background.

Color Contrast Check

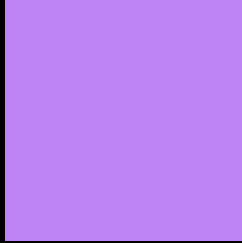
Large Text (above 18pt) WCAG AA × Fail

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 162.2240, 40.8086, 24.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

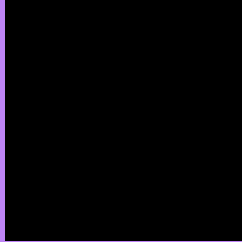
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.2240, 40.8086, 24.3596

Background



This preview shows how black text looks on a background with the YUV color 162.2240, 40.8086, 24.3596.



This preview shows how white text looks on a background with the YUV color 162.2240, 40.8086, 24.3596.

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

162.2240, 40.8086, 24.3596

Protanopia

155.3370, 49.1339, -32.7445

Deuteranopia

154.8010, 42.0031, -32.2745



Tritanopia

159.8430, 1.5564, 14.1697

Trichromacy



Original Color

162.2240, 40.8086, 24.3596



Protanomaly

157.9590, 45.8692, -12.2420



Deuteranomaly

157.5200, 41.6486, -11.8570



Tritanomaly

160.6490, 15.9490, 17.8478

Monochromacy



Original Color

162.2240, 40.8086, 24.3596



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

161.9530, 14.8132, 8.8112

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2240, 40.8086, 24.3596 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(190, 132, 245)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 245)  
}
```

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(190, 132, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 245) }
```

Border

The CSS property to change the border of an element to YUV 162.2240, 40.8086, 24.3596 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(190, 132, 245) }
```


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

```
.border{ border-color:rgb(190, 132, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 132, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 132, 245);  
box-shadow:4px 4px 4px 4px rgb(190, 132,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 162.2240, 40.8086, 24.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 245) }
```

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

```
.background{ background-color: rgb(190,  
132, 245) }
```

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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