

Converting Colors

YUV(142.5390, 43.1183,
30.2223)

Have a look what the booklet for
YUV(142.5390, 43.1183, 30.2223)
contains.

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Color

**YUV(142.5390, 43.1183,
30.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	B16CE6
RGB	177, 108, 230
RGB Percent	69%, 42%, 90%
CMY	0.3059, 0.5765, 0.0980
CMYK	0.23, 0.53, 0.00, 0.10
HSL	274°, 71%, 66%
HSV	274°, 53%, 90%
XYZ	37.7770, 25.7854, 77.8489
YIQ	142.5390, 1.9620, 52.5700

Conversions

Conversions Part 2

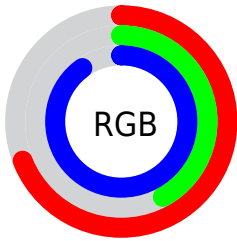
Format	Color
R_{YB}	177, 108, 230
Decimal	11627750
CIE _{Lab}	57.83, 49.38, -51.54
CIE _{LCh}	58, 71.375, 313.771
Yxy	25.7854, 0.2671, 0.1823
Android (android.graphics.Color)	4289817830 (0xFFB16CE6)
YUV	142.5390, 43.1183, 30.2223
Hunter-Lab	50.7793, 43.9301, -55.3510

Details

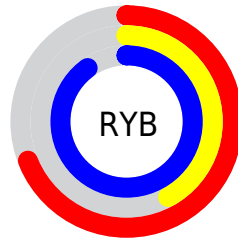
The YUV color **142.5390, 43.1183, 30.2223** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **195.4610, -43.1183, -30.2223**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4290, 29.8615, 35.5808**, and **89.4740, 41.6713, 27.6483** is the 20% darker color. If you saturate the color by 10%, you get **126.0480, 51.2483, 35.9149**, and if you desaturate by 10%, it is **159.0300, 34.9882, 24.5297**.

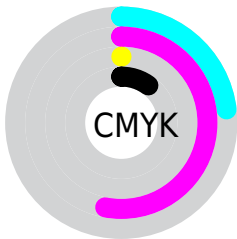
Distribution



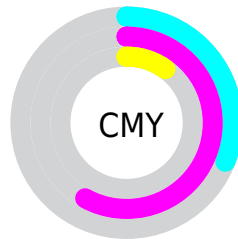
- Red (69%)
- Green (42%)
- Blue (90%)



- Red (69%)
- Yellow (42%)
- Blue (90%)



- Cyan (23%)
- Magenta (53%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (58%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5390, 43.1183, 30.2223 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 142.5390, 43.1183, 30.2223 by changing the saturation by 10% instead.

142.5390, 43.1183,
30.2223

142.5390, 43.1183,
30.2223

255.0000, 0.0000,
0.0000

115.7130, 42.5395,
29.1927

194.4290, 29.8615,
35.5808

89.4740, 41.6713,
27.6483

216.2580, 19.0998,
33.9767

62.4740, 41.6713,
27.6483

233.2810, 10.7075,
19.0476

33.4140, 42.6869,
28.5779

250.3040, 2.3151,
4.1184

22.1920, 35.8943,
13.8636

10.7850, 29.6860,
-1.5654

7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 142.5390, 43.1183,
30.2223

■ 142.5390, 43.1183,
30.2223

■ 126.0480, 51.2483,
35.9149

■ 159.0300, 34.9882,
24.5297

■ 109.5570, 59.3784,
41.6075

■ 175.5210, 26.8581,
18.8371

■ 93.0660, 67.5085,
47.3001

■ 192.0120, 18.7281,
13.1445

■ 76.5750, 75.6385,
52.9927

■ 208.5030, 10.5980,
7.4519

65.0900, 81.3006,
56.9261

224.9940, 2.4680,
1.7593

241.4850, -5.6621,
-3.9333

249.7580, -9.7407,
-2.4188

252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



119.6550, 66.7251, -75.1194



142.5390, 43.1183, 30.2223



135.4030, 19.5213, 85.5926

Triad

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



142.5390, 43.1183, 30.2223



131.0930, -64.6288, 56.0464



117.0670, 24.6170, -102.6678

Complementary

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



142.5390, 43.1183, 30.2223



195.4610, -43.1183, -30.2223

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.



108.4830, -3.1961, -95.1396



142.5390, 43.1183, 30.2223



126.9750, -62.5987, 11.4229

Square

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



142.5390, 43.1183, 30.2223



131.5880, -38.2509, 88.9383



116.3990, -39.1437, -45.0769



122.3910, 50.0932, -107.3369

Rectangle

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



142.5390, 43.1183, 30.2223



129.6320, 2.1534, 102.9317



116.3990, -39.1437, -45.0769



114.5590, 15.0074, -100.4682

Sweetspot

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



142.5390, 43.1183, 30.2223



225.5510, 14.5184, 10.0408



154.1930, 37.3729, -40.5113



110.0360, 8.8563, 6.1074



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.



142.5390, 43.1183, 30.2223



138.0900, 57.6366, 40.2631



157.7020, 32.6849, 63.4053



106.4610, 4.2097, 3.1037



50.6050, 63.2987, 44.1964



14.4850, 18.0019, 12.7297

Inverse Universe

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



150.5200, 5.1666, 69.7040



148.8310, 6.9853, 93.1102



180.2980, -32.6849, -63.4053



107.1580, 0.4151, 6.8774



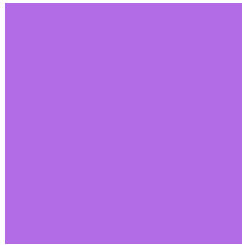
62.4130, 7.6844, 102.2468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 142.5390, 43.1183, 30.2223 looks on a white background.

Color Contrast Check

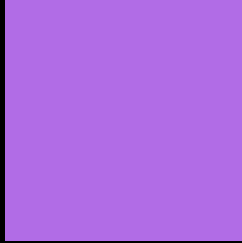
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.5390, 43.1183, 30.2223 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 142.5390, 43.1183, 30.2223

Background



This preview shows how black text looks on a background with the YUV color 142.5390, 43.1183, 30.2223.



This preview shows how white text looks on a background with the YUV color 142.5390, 43.1183,

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

142.5390, 43.1183, 30.2223

Protanopia

131.9360, 60.6706, -46.4249

Deuteranopia

133.7400, 44.4982, -39.2370



Tritanopia

141.4090, -0.2016, 18.0583

Trichromacy



Original Color

142.5390, 43.1183, 30.2223



Protanomaly

135.8040, 54.3266, -18.2451



Deuteranomaly

137.0790, 43.8381, -14.1013



Tritanomaly

141.8560, 15.3540, 22.0513

Monochromacy



Original Color

142.5390, 43.1183, 30.2223



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.6050, 15.9707, 10.8704

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5390, 43.1183, 30.2223 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(177, 108, 230)` looks like.

```
.text, #text, p{  
    color:rgb(177, 108, 230)  
}
```

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(177, 108, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 108, 230) }
```

Border

The CSS property to change the border of an element to YUV 142.5390, 43.1183, 30.2223 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(177, 108, 230) }
```


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

```
.border{ border-color:rgb(177, 108, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 108, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 108, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 108, 230); box-shadow:4px 4px 4px 4px rgb(177, 108, 230) }
```

Background

The CSS property to change the background color of an element to YUV 142.5390, 43.1183, 30.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 108, 230) }
```

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

```
.background{ background-color: rgb(177,  
108, 230) }
```

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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