

Converting Colors

YUV(177.6240, 30.7514,
30.1478)

Have a look what the booklet for
YUV(177.6240, 30.7514, 30.1478)
contains.

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Color

**YUV(177.6240, 30.7514,
30.1478)**

Conversions

Conversions Part 1

Format	Color
Hex	D494F0
RGB	212, 148, 240
RGB Percent	83%, 58%, 94%
CMY	0.1686, 0.4196, 0.0588
CMYK	0.12, 0.38, 0.00, 0.06
HSL	282°, 75%, 76%
HSV	282°, 38%, 94%
XYZ	53.4695, 41.4681, 87.6241
YIQ	177.6240, 8.6120, 42.1800

Conversions

Conversions Part 2

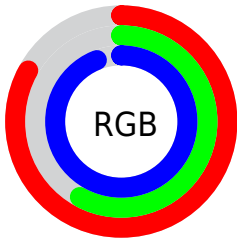
Format	Color
R _Y B	212, 148, 240
Decimal	13931760
CIE Lab	70.50, 39.90, -36.89
CIE LCh	71, 54.338, 317.245
Yxy	41.4681, 0.2929, 0.2271
Android (android.graphics.Color)	4292121840 (0xFFD494F0)
YUV	177.6240, 30.7514, 30.1478
Hunter-Lab	64.3958, 35.5206, -35.5996

Details

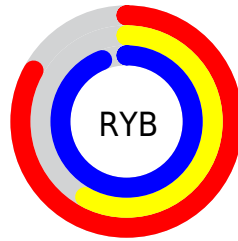
The YUV color **177.6240, 30.7514, 30.1478** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **210.3760, -30.7514, -30.1478**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4760, 15.0483, 26.7695**, and **123.9720, 29.5938, 28.0886** is the 20% darker color. If you saturate the color by 10%, you get **161.4430, 38.7286, 38.1995**, and if you desaturate by 10%, it is **193.8050, 22.7741, 22.0960**.

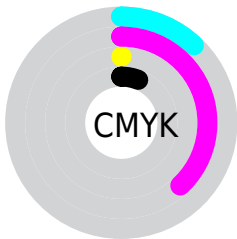
Distribution



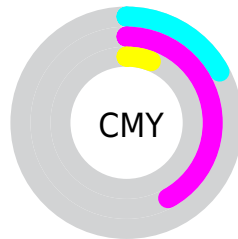
- Red (83%)
- Green (58%)
- Blue (94%)



- Red (83%)
- Yellow (58%)
- Blue (94%)



- Cyan (12%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)





- Cyan (17%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 177.6240, 30.7514, 30.1478 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 177.6240, 30.7514, 30.1478 by changing the saturation by 10% instead.


 177.6240, 30.7514,
30.1478


 177.6240, 30.7514,
30.1478


255.0000, 0.0000,
0.0000


 150.6840, 29.7358,
29.2181


 224.4760, 15.0483,
26.7695


 123.9720, 29.5938,
28.0886

 240.9120, 6.9454,
12.3552

 98.0320, 28.5782,
27.1589

 72.3200, 28.4362,
26.0294

 47.3200, 28.4362,
26.0294

 24.3690, 27.4261,
23.3554

 15.7670, 20.3279,

13.3593

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 177.6240, 30.7514,
30.1478

■ 177.6240, 30.7514,
30.1478

■ 161.4430, 38.7286,
38.1995

■ 193.8050, 22.7741,
22.0960

■ 144.9630, 46.8532,
45.6364

■ 210.2850, 14.6495,
14.6591

■ 128.7820, 54.8305,
53.6882

■ 226.4660, 6.6723,
6.6073

■ 112.6010, 62.8077,
61.7399

■ 242.6470, -1.3050,
-1.4444

■ 96.1210, 70.9323,
69.1769

■ 251.4960, -5.6675,
-2.1890

■ 79.9400, 78.9096,
77.2286

■ 253.2900, -6.5520,
1.4997

■ 77.2930, 80.2146,
78.6730

Harmonies

Analogous

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



169.5460, 42.1288, -25.9118



177.6240, 30.7514, 30.1478



175.4750, 10.1188, 67.9894

Triad

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



177.6240, 30.7514, 30.1478



168.8970, -47.2772, 43.9403



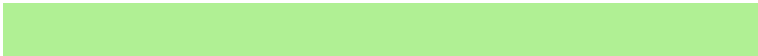
138.4390, 30.3496, -121.4110

Complementary

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



177.6240, 30.7514, 30.1478



210.3760, -30.7514, -30.1478

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.



132.0380, 8.3623, -115.7973



177.6240, 30.7514, 30.1478



165.1220, -45.4161, 6.9090

Square

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



177.6240, 30.7514, 30.1478



171.5040, -34.2655, 70.5950



157.9560, -27.0933, -36.7954



141.6940, 50.4369, -124.2656

Rectangle

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



177.6240, 30.7514, 30.1478



171.0230, -4.4483, 73.6478



157.9560, -27.0933, -36.7954



136.5010, 22.9240, -119.7114

Sweetspot

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



177.6240, 30.7514, 30.1478



234.1120, 10.2978, 10.4258



175.5110, 31.7931, -24.1271



115.6400, 6.0935, 5.5777



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.



177.6240, 30.7514, 30.1478



175.5570, 39.1654, 38.0995



184.0580, 19.1984, 49.0611



111.7600, 4.0623, 3.7185



59.2480, 61.5027, 60.2955



18.0450, 18.7118, 18.3775

Inverse Universe

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



178.7000, -1.3311, 53.7601



176.9730, -1.9587, 68.4297



203.9420, -19.1984, -49.0611



112.0440, -0.0217, 6.9774



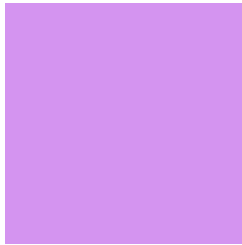
61.4000, -2.6622, 107.5202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 177.6240, 30.7514, 30.1478 looks on a white background.

Color Contrast Check

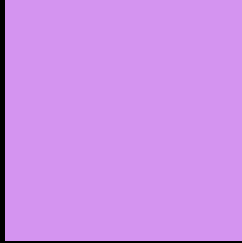
Large Text (above 18pt) WCAG AA × Fail

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 177.6240, 30.7514, 30.1478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

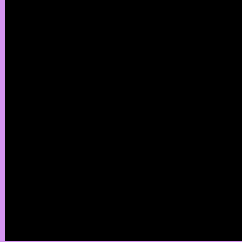
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.6240, 30.7514, 30.1478

Background



This preview shows how black text looks on a background with the YUV color 177.6240, 30.7514, 30.1478.



This preview shows how white text looks on a background with the YUV color 177.6240, 30.7514, 30.1478.

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

177.6240, 30.7514, 30.1478

Protanopia

171.9160, 40.9604, -24.4823

Deuteranopia

172.7400, 31.1872, -16.4350



Tritanopia

175.3280, -0.6547, 23.3913

Trichromacy



Original Color

177.6240, 30.7514, 30.1478



Protanomaly

174.1250, 37.4064, -4.4946



Deuteranomaly

174.4370, 30.8436, 0.4938



Tritanomaly

176.3250, 10.6858, 26.0250

Monochromacy



Original Color

177.6240, 30.7514, 30.1478



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.7530, 11.4608, 10.7406

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6240, 30.7514, 30.1478 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(212, 148, 240)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 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(212, 148, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 240) }
```

Border

The CSS property to change the border of an element to YUV 177.6240, 30.7514, 30.1478 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(212, 148, 240) }
```


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

```
.border{ border-color:rgb(212, 148, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 148, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 240);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 177.6240, 30.7514, 30.1478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 148, 240) }
```

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

```
.background{ background-color: rgb(212,  
148, 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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