

Converting Colors

YUV(191.8740, 24.7121, 7.1265)

Have a look what the booklet for
YUV(191.8740, 24.7121, 7.1265)
contains.

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Color

**YUV(191.8740, 24.7121,
7.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B2F2
RGB	200, 178, 242
RGB Percent	78%, 70%, 95%
CMY	0.2157, 0.3020, 0.0510
CMYK	0.17, 0.26, 0.00, 0.05
HSL	261°, 71%, 82%
HSV	261°, 26%, 95%
XYZ	55.7668, 50.5310, 90.8186
YIQ	191.8740, -7.4320, 24.5680

Conversions

Conversions Part 2

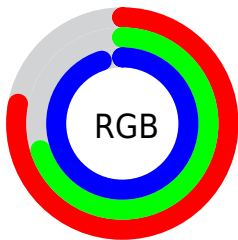
Format	Color
R _Y B	200, 178, 242
Decimal	13153010
CIE Lab	76.39, 20.33, -28.96
CIE LCh	76, 35.389, 305.070
Yxy	50.5310, 0.2829, 0.2564
Android (android.graphics.Color)	4291343090 (0xFFC8B2F2)
YUV	191.8740, 24.7121, 7.1265
Hunter-Lab	71.0851, 15.6356, -25.9895

Details

The YUV color **191.8740, 24.7121, 7.1265** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **228.1260, -24.7121, -7.1265**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6730, 6.0772, 10.8108**, and **137.9340, 23.6965, 6.1969** is the 20% darker color. If you saturate the color by 10%, you get **173.0020, 34.0160, 9.6452**, and if you desaturate by 10%, it is **210.7460, 15.4082, 4.6078**.

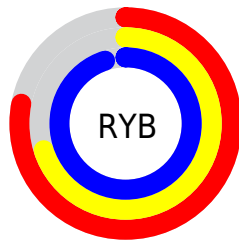
Distribution



Red (78%)

Green (70%)

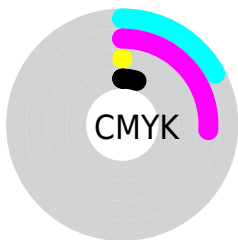
Blue (95%)



Red (78%)

Yellow (70%)

Blue (95%)

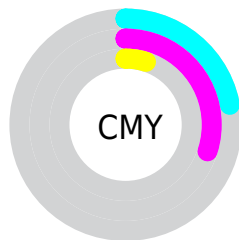


Cyan (17%)

Magenta (26%)

Yellow (0%)

Black (5%)



Cyan (22%)


Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.8740, 24.7121, 7.1265 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 191.8740, 24.7121, 7.1265 by changing the saturation by 10% instead.


 191.8740, 24.7121,
7.1265


 191.8740, 24.7121,
7.1265


255.0000, 0.0000,
0.0000


 164.4610, 24.4227,
6.6117


 242.6730, 6.0772,
10.8108

 137.9340, 23.6965,
6.1969

 112.4070, 22.9703,
5.7821

 87.7660, 21.8074,
5.4672

 63.9400, 21.2286,
4.4376

 41.5870, 19.9236,
2.9932

 19.4620, 19.4922,

1.3488

■ 4.2180, 16.1615,
-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 191.8740, 24.7121,
7.1265

■ 191.8740, 24.7121,
7.1265

■ 173.0020, 34.0160,
9.6452

■ 210.7460, 15.4082,
4.6078

■ 154.1300, 43.3199,
12.1640

■ 229.6180, 6.1043,
2.0890

■ 134.6710, 52.9132,
15.1975

■ 249.0770, -3.4890,
-0.9445

■ 115.7990, 62.2171,
17.7163

■ 253.5180, -5.6784,
1.2997

■ 97.2260, 71.3736,
20.8498

■ 78.3540, 80.6775,
23.3685

■ 59.4820, 89.9814,
25.8873

■ 52.4050, 93.4703,
26.8318

Harmonies

Analogous

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



186.1190, 32.9723, -29.0454



191.8740, 24.7121, 7.1265



193.6190, 11.5268, 36.2911

Triad

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



191.8740, 24.7121, 7.1265



188.6850, -28.9317, 39.7413



171.0300, 10.8312, -67.5553

Complementary

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



191.8740, 24.7121, 7.1265



228.1260, -24.7121, -7.1265

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.



177.1570, -8.4584, -40.4797



191.8740, 24.7121, 7.1265



185.6730, -30.8978, 16.9498

Square

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



191.8740, 24.7121, 7.1265



190.4060, -18.9342, 53.1409



182.3320, -23.8277, -10.8152



168.4100, 27.8989, -81.9206

Rectangle

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



191.8740, 24.7121, 7.1265



192.6500, 1.1585, 48.5419



182.3320, -23.8277, -10.8152



173.3640, 4.2575, -59.0782

Sweetspot

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



191.8740, 24.7121, 7.1265



239.3730, 7.7041, 2.3039



210.5370, 15.5113, -28.5349



117.6780, 5.0887, 1.1594



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.



191.8740, 24.7121, 7.1265



190.7200, 31.6900, 9.0156



201.1430, 20.1425, 26.1846



110.5640, 4.6519, 1.2594



39.8130, 71.0842, 20.3350



12.0650, 21.6600, 6.0820

Inverse Universe

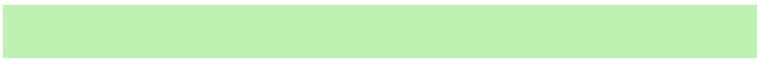
The Inverse Universe completely reimagines the original color for something new.



201.9240, 8.9115, 35.1467



203.6740, 11.4997, 45.0129



218.8570, -20.1425, -26.1846



112.5000, 1.7255, 6.5775



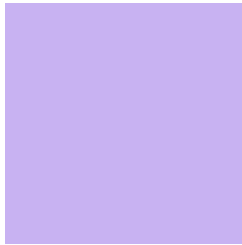
68.6960, 25.2929, 101.1216



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 191.8740, 24.7121, 7.1265 looks on a white background.

Color Contrast Check

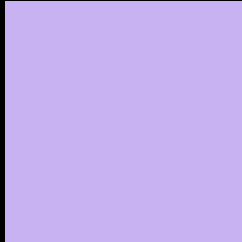
Large Text (above 18pt) WCAG AA × Fail

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 191.8740, 24.7121, 7.1265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

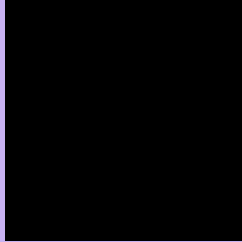
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.8740, 24.7121, 7.1265

Background



This preview shows how black text looks on a background with the YUV color 191.8740, 24.7121, 7.1265.



This preview shows how white text looks on a background with the YUV color 191.8740, 24.7121, 7.1265.

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

191.8740, 24.7121, 7.1265

Protanopia

188.8820, 29.1452, -14.8055

Deuteranopia

189.5900, 25.3451, -9.2874



Tritanopia

189.6890, 5.0833, 2.9037

Trichromacy



Original Color

191.8740, 24.7121, 7.1265

Protanomaly

189.8830, 27.6657, -6.9134

Deuteranomaly

190.2210, 25.0340, -2.8248

Tritanomaly

190.5350, 12.0612, 4.7928

Monochromacy



Original Color

191.8740, 24.7121, 7.1265

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.0140, 8.8671, 2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8740, 24.7121, 7.1265 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(200, 178, 242)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 242)  
}
```

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(200, 178, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 242) }
```

Border

The CSS property to change the border of an element to YUV 191.8740, 24.7121, 7.1265 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(200, 178, 242) }
```


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

```
.border{ border-color:rgb(200, 178, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 242);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 191.8740, 24.7121, 7.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 242) }
```

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

```
.background{ background-color: rgb(200,  
178, 242) }
```

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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