

Converting Colors

YUV(218.4150, 14.0924, 6.6520)

Have a look what the booklet for
YUV(218.4150, 14.0924, 6.6520)
contains.

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Color

**YUV(218.4150, 14.0924,
6.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D1F7
RGB	226, 209, 247
RGB Percent	89%, 82%, 97%
CMY	0.1137, 0.1804, 0.0314
CMYK	0.09, 0.15, 0.00, 0.03
HSL	267°, 70%, 89%
HSV	267°, 15%, 97%
XYZ	70.9530, 68.4851, 97.4750
YIQ	218.4150, -2.0660, 15.4220

Conversions

Conversions Part 2

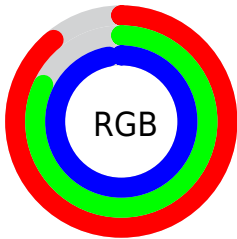
Format	Color
R _Y B	226, 209, 247
Decimal	14864887
CIE Lab	86.25, 12.85, -16.47
CIE LCh	86, 20.885, 307.963
Yxy	68.4851, 0.2995, 0.2891
Android (android.graphics.Color)	4293054967 (0xFFE2D1F7)
YUV	218.4150, 14.0924, 6.6520
Hunter-Lab	82.7557, 8.2196, -11.9066

Details

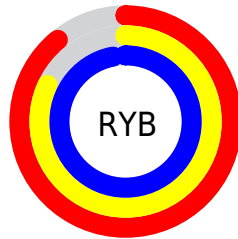
The YUV color $218.4150, 14.0924, 6.6520$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.5850, -14.0924, -6.6520$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.8880, 13.3662, 6.2372$ is the 20% darker color. If you saturate the color by 10%, you get $199.5540, 23.3909, 10.9151$, and if you desaturate by 10%, it is $237.2760, 4.7939, 2.3889$.

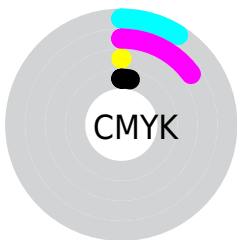
Distribution



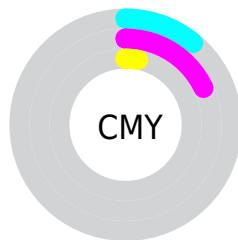
- Red (89%)
- Green (82%)
- Blue (97%)



- Red (89%)
- Yellow (82%)
- Blue (97%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.4150, 14.0924, 6.6520 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 218.4150, 14.0924, 6.6520 by changing the saturation by 10% instead.

■ 218.4150, 14.0924,
6.6520

■ 218.4150, 14.0924,
6.6520

255.0000, 0.0000,
0.0000

■ 190.3010, 13.6556,
6.7520

■ 163.8880, 13.3662,
6.2372

■ 137.3610, 12.6400,
5.8224

■ 111.3610, 12.6400,
5.8224

■ 86.9480, 12.3506,
5.3076

■ 63.4210, 11.6244,
4.8928

■ 41.5950, 11.0457,

3.8632

■ 20.4810, 10.6089,
3.9632

■ 2.9810, 8.8834,
-2.6143

■ 218.4150, 14.0924,
6.6520

■ 218.4150, 14.0924,
6.6520

■ 199.5540, 23.3909,
10.9151

■ 237.2760, 4.7939,
2.3889

■ 181.5790, 32.2526,
15.2782

■ 253.4900, -3.1996,
-0.4297

■ 162.7180, 41.5510,
19.5413

■ 254.0880, -3.4944,
0.7998

■ 143.8570, 50.8495,
23.8044

■ 125.8820, 59.7112,
28.1675

■ 107.0210, 69.0096,
32.4306

■ 88.1600, 78.3081,
36.6937

■ 69.5980, 87.4592,
41.5716

■ 61.3470, 91.5269,
43.5457

Harmonies

Analogous

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



215.6620, 19.3936, -13.7356



218.4150, 14.0924, 6.6520



219.6360, 5.6025, 23.1212

Triad

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



218.4150, 14.0924, 6.6520



217.0450, -18.2632, 24.5165



207.9630, 5.9342, -36.8016

Complementary

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



218.4150, 14.0924, 6.6520



237.5850, -14.0924, -6.6520

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.



209.8800, -4.8708, -24.4508



218.4150, 14.0924, 6.6520



214.5440, -18.5092, 10.0469

Square

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



218.4150, 14.0924, 6.6520



217.8810, -12.7593, 32.5534



211.9870, -13.7976, -7.8816



208.9440, 14.8176, -39.4159

Rectangle

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



218.4150, 14.0924, 6.6520



219.3720, -0.6764, 30.3688



211.9870, -13.7976, -7.8816



208.4750, 2.7238, -33.7426

Sweetspot

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



218.4150, 14.0924, 6.6520



245.2760, 4.7939, 2.3889



226.2460, 10.2317, -15.1247



121.8090, 3.0522, 1.0445



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.



218.4150, 14.0924, 6.6520



220.5230, 16.9972, 8.3113



223.7970, 11.4391, 17.7180



113.1620, 4.3571, 2.4889



46.0210, 69.0096, 32.4306



14.5000, 21.9385, 10.0855

Inverse Universe

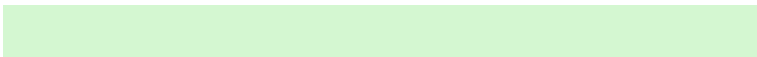
The Inverse Universe completely reimagines the original color for something new.



222.7560, 3.5713, 21.2620



225.6040, 4.1392, 25.7803



232.2030, -11.4391, -17.7180



114.3860, 1.2887, 6.6775



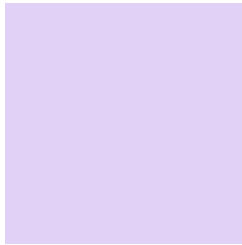
67.3560, 17.5725, 104.0508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 218.4150, 14.0924, 6.6520 looks on a white background.

Color Contrast Check

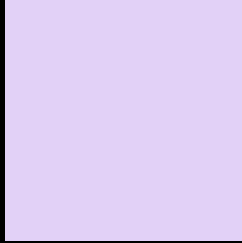
Large Text (above 18pt) WCAG AA × Fail

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 218.4150, 14.0924, 6.6520 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 218.4150, 14.0924, 6.6520

Background



This preview shows how black text looks on a background with the YUV color 218.4150, 14.0924, 6.6520.



This preview shows how white text looks on a background with the YUV color 218.4150, 14.0924,

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

218.4150, 14.0924, 6.6520

Protanopia

216.6090, 16.4618, -6.6731

Deuteranopia

217.8060, 14.3926, 3.6781



Tritanopia

217.2270, 5.8041, 5.0629

Trichromacy



Original Color

218.4150, 14.0924, 6.6520

Protanomaly

217.1150, 15.7193, -1.8549

Deuteranomaly

218.1050, 14.2452, 4.2929

Tritanomaly

217.7370, 9.0037, 5.4927

Monochromacy



Original Color

218.4150, 14.0924, 6.6520

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.3900, 5.2307, 2.2890

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.4150, 14.0924, 6.6520 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(226, 209, 247)` looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 247)  
}
```

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(226, 209, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 247) }
```

Border

The CSS property to change the border of an element to YUV 218.4150, 14.0924, 6.6520 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(226, 209, 247) }
```


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

```
.border{ border-color:rgb(226, 209, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 209, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 209, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 209, 247);  
box-shadow:4px 4px 4px 4px rgb(226, 209,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 218.4150, 14.0924, 6.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 247) }
```

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

```
.background{ background-color: rgb(226,  
209, 247) }
```

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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