

Converting Colors

YUV(203.5940, 15.9762, 9.1261)

Have a look what the booklet for
YUV(203.5940, 15.9762, 9.1261)
contains.

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Color

**YUV(203.5940, 15.9762,
9.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C0EC
RGB	214, 192, 236
RGB Percent	84%, 75%, 93%
CMY	0.1608, 0.2471, 0.0745
CMYK	0.09, 0.19, 0.00, 0.07
HSL	270°, 54%, 84%
HSV	270°, 19%, 93%
XYZ	61.7215, 58.0515, 87.3089
YIQ	203.5940, -1.0120, 18.3480

Conversions

Conversions Part 2

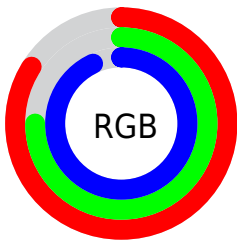
Format	Color
RYB	214, 192, 236
Decimal	14074092
CIELab	80.77, 15.88, -18.97
CIELCh	81, 24.737, 309.939
Yxy	58.0515, 0.2981, 0.2803
Android (android.graphics.Color)	4292264172 (0xFFD6C0EC)
YUV	203.5940, 15.9762, 9.1261
Hunter-Lab	76.1916, 11.2646, -14.6071

Details

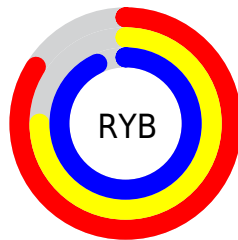
The YUV color **203.5940, 15.9762, 9.1261** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224.4060, -15.9762, -9.1261**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **149.0670, 15.2500, 8.7112** is the 20% darker color. If you saturate the color by 10%, you get **185.9180, 24.6904, 14.1039**, and if you desaturate by 10%, it is **221.2700, 7.2619, 4.1482**.

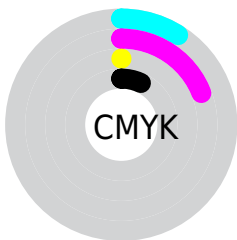
Distribution



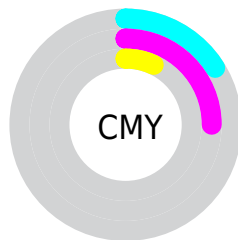
- Red (84%)
- Green (75%)
- Blue (93%)



- Red (84%)
- Yellow (75%)
- Blue (93%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.5940, 15.9762, 9.1261 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 203.5940, 15.9762, 9.1261 by changing the saturation by 10% instead.

■ 203.5940, 15.9762,
9.1261

■ 203.5940, 15.9762,
9.1261

255.0000, 0.0000,
0.0000

■ 176.1810, 15.6868,
8.6113

■ 250.8910, 2.0257,
3.6036

■ 149.0670, 15.2500,
8.7112

■ 123.5400, 14.5238,
8.2964

■ 98.1270, 14.2344,
7.7816

■ 74.6000, 13.5082,
7.3668

■ 51.7740, 12.9294,
6.3372

■ 30.2470, 12.2032,

5.9224

■ 9.5570, 12.0504,
8.2815

■ 0.7980, 3.0576,
-0.6998

■ 203.5940, 15.9762,
9.1261

■ 203.5940, 15.9762,
9.1261

■ 185.9180, 24.6904,
14.1039

■ 221.2700, 7.2619,
4.1482

■ 168.8290, 33.1153,
18.5670

■ 238.3590, -1.1630,
-0.3148

■ 151.4520, 41.6822,
24.1596

■ 251.0400, -7.4147,
-1.7891

■ 134.3630, 50.1070,
28.6226

■ 252.8340, -8.2992,
1.8996

■ 116.6870, 58.8213,
33.6005

■ 99.0110, 67.5356,
38.5784

■ 81.9220, 75.9605,
43.0414

■ 64.5450, 84.5273,
48.6340

■ 62.1860, 85.6903,
48.9489

Harmonies

Analogous

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



200.4600, 22.4512, -14.4354



203.5940, 15.9762, 9.1261



204.7830, 6.0230, 28.2543

Triad

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



203.5940, 15.9762, 9.1261



201.2580, -21.3262, 26.9607



191.1900, 8.2873, -44.8936

Complementary

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



203.5940, 15.9762, 9.1261



224.4060, -15.9762, -9.1261

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.



192.6620, -4.2704, -30.3986



203.5940, 15.9762, 9.1261



198.4470, -21.4194, 10.1320

Square

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



203.5940, 15.9762, 9.1261



202.9310, -15.2490, 37.7715



195.9220, -15.2445, -10.4556



191.5130, 18.4811, -47.8079

Rectangle

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



203.5940, 15.9762, 9.1261



204.4760, -1.7137, 36.4165



195.9220, -15.2445, -10.4556



191.7730, 4.0559, -41.0199

Sweetspot

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



203.5940, 15.9762, 9.1261



243.8030, 5.5201, 2.8038



209.9300, 12.8525, -15.7246



121.2220, 3.3416, 1.5593



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.



203.5940, 15.9762, 9.1261



213.7560, 20.3333, 11.6150



210.1720, 12.7332, 22.6512



108.7490, 4.0677, 1.9741



47.8430, 65.6464, 37.8487



14.2290, 19.6071, 11.2002

Inverse Universe

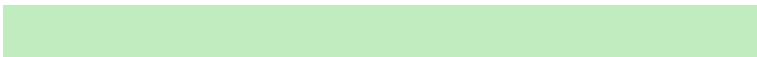
The Inverse Universe completely reimagines the original color for something new.



207.6640, 3.1236, 24.8507



218.9360, 3.9756, 31.6281



217.8280, -12.7332, -22.6512



109.8590, 0.5625, 6.2627



64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 203.5940, 15.9762, 9.1261 looks on a white background.

Color Contrast Check

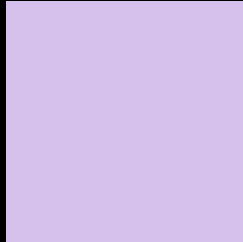
Large Text (above 18pt) WCAG AA × Fail

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 203.5940, 15.9762, 9.1261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

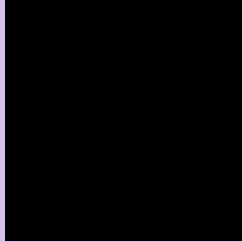
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.5940, 15.9762, 9.1261

Background



This preview shows how black text looks on a background with the YUV color 203.5940, 15.9762, 9.1261.



This preview shows how white text looks on a background with the YUV color 203.5940, 15.9762, 9.1261.

9.1261.

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

203.5940, 15.9762, 9.1261

Protanopia

201.6950, 19.3774, -8.5025

Deuteranopia

202.5390, 16.0033, 0.4043



Tritanopia

202.0100, 4.9251, 7.0072

Trichromacy



Original Color

203.5940, 15.9762, 9.1261

Protanomaly

202.0980, 18.1927, -1.8399

Deuteranomaly

203.1480, 15.7030, 3.3782

Tritanomaly

202.7480, 8.9982, 7.2370

Monochromacy



Original Color

203.5940, 15.9762, 9.1261

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.2160, 5.8095, 3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5940, 15.9762, 9.1261 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(214, 192, 236)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 236)  
}
```

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(214, 192, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 236) }
```

Border

The CSS property to change the border of an element to YUV 203.5940, 15.9762, 9.1261 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(214, 192, 236) }
```


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

```
.border{ border-color:rgb(214, 192, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 236);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 203.5940, 15.9762, 9.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 236) }
```

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

```
.background{ background-color: rgb(214,  
192, 236) }
```

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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