

Converting Colors

YUV(205.6240, 20.3984,
-9.3172)

Have a look what the booklet for
YUV(205.6240, 20.3984, -9.3172)
contains.

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Color

**YUV(205.6240, 20.3984,
-9.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CBF7
RGB	195, 203, 247
RGB Percent	76%, 80%, 97%
CMY	0.2353, 0.2039, 0.0314
CMYK	0.21, 0.18, 0.00, 0.03
HSL	231°, 76%, 87%
HSV	231°, 21%, 97%
XYZ	60.6501, 61.0294, 96.5789
YIQ	205.6240, -18.8920, 11.9880

Conversions

Conversions Part 2

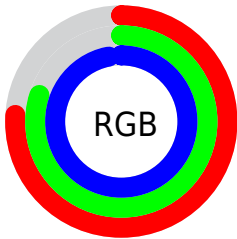
Format	Color
R_{YB}	195, 202, 247
Decimal	12831735
CIE Lab	82.39, 6.35, -22.52
CIE LCh	82, 23.395, 285.742
Yxy	61.0294, 0.2779, 0.2796
Android (android.graphics.Color)	4291021815 (0xFFC3CBF7)
YUV	205.6240, 20.3984, -9.3172
Hunter-Lab	78.1213, 1.8677, -18.6135

Details

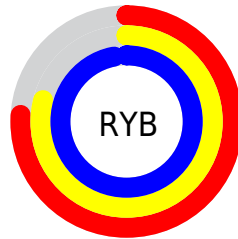
The YUV color $205.6240, 20.3984, -9.3172$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.3760, -20.3984, 9.3172$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, 0.4422, -1.8443$, and $151.3960, 19.5248, -9.1173$ is the 20% darker color. If you saturate the color by 10%, you get $185.8220, 30.1608, -13.8759$, and if you desaturate by 10%, it is $225.4260, 10.6360, -4.7586$.

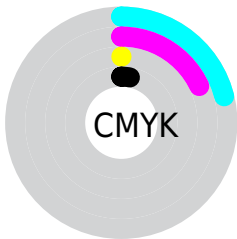
Distribution



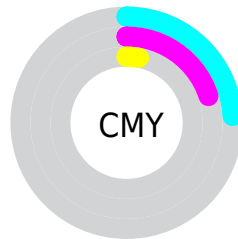
- Red (76%)
- Green (80%)
- Blue (97%)



- Red (76%)
- Yellow (79%)
- Blue (97%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.6240, 20.3984, -9.3172 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 205.6240, 20.3984, -9.3172 by changing the saturation by 10% instead.

■ 205.6240, 20.3984,
-9.3172

■ 205.6240, 20.3984,
-9.3172

255.0000, 0.0000,
0.0000

■ 178.0970, 19.6722,
-9.7321

■ 254.1030, 0.4422,
-1.8443

■ 151.3960, 19.5248,
-9.1173

■ 125.1680, 18.6512,
-8.9173

■ 99.7550, 18.3618,
-9.4321

■ 76.2280, 17.6356,
-9.8470

■ 52.7010, 16.9094,
-10.2618

■ 30.1630, 16.1886,

-12.4210

■ 8.1960, 16.1724,
-7.1879

■ 2.8670, 8.4466,
-2.5144

■ 205.6240, 20.3984,
-9.3172

■ 205.6240, 20.3984,
-9.3172

■ 185.8220, 30.1608,
-13.8759

■ 225.4260, 10.6360,
-4.7586

■ 166.3190, 39.7757,
-17.8198

■ 244.9290, 1.0210,
-0.8147

■ 146.5170, 49.5381,
-22.3784

■ 254.0880, -3.4944,
0.7998

■ 126.7150, 59.3005,
-26.9371

■ 107.2120, 68.9155,
-30.8809

■ 87.9970, 78.3885,
-35.9544

■ 68.1950, 88.1509,
-40.5130

■ 50.4640, 96.8922,
-44.2569

Harmonies

Analogous

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



201.0620, 22.6474, -30.7494



205.6240, 20.3984, -9.3172



208.6330, 13.4919, 12.5999

Triad

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



205.6240, 20.3984, -9.3172



206.6810, -16.1117, 34.4828



197.5200, -2.2284, -32.0280

Complementary

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



205.6240, 20.3984, -9.3172



236.3760, -20.3984, 9.3172

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.



200.1820, -12.9077, -13.3146



205.6240, 20.3984, -9.3172



205.3500, -20.8785, 23.3721

Square

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



205.6240, 20.3984, -9.3172



208.6950, -7.2446, 37.1015



202.8810, -19.6613, 6.2434



196.2440, 9.7397, -44.0640

Rectangle

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



205.6240, 20.3984, -9.3172



208.9890, 6.9074, 24.5656



202.8810, -19.6613, 6.2434



198.2280, -6.0284, -26.5100

Sweetspot

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



205.6240, 20.3984, -9.3172



242.8840, 5.9732, -2.5293



230.4260, 3.7340, -31.0686



120.6130, 3.6418, -1.4146



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.



205.6240, 20.3984, -9.3172



204.1660, 25.0612, -11.5466



206.0110, 20.2076, 5.2524



112.5420, 4.6628, -2.2293



38.2270, 72.8521, -33.5251



12.0090, 23.1666, -10.5319

Inverse Universe

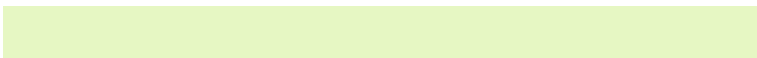
The Inverse Universe completely reimagines the original color for something new.



211.4600, -4.1708, 31.1686



211.2760, -5.0661, 38.3459



235.9890, -20.2076, -5.2524



113.8160, -0.8953, 7.1774



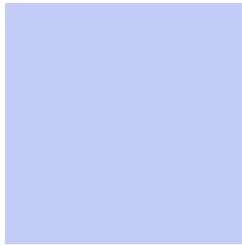
58.9200, -14.7506, 111.4492



18.6670, -4.7658, 35.3720

Previews

White Background



This preview shows how the YUV color 205.6240, 20.3984, -9.3172 looks on a white background.

Color Contrast Check

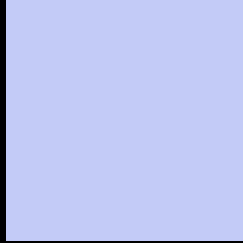
Large Text (above 18pt) WCAG AA × Fail

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 205.6240, 20.3984, -9.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

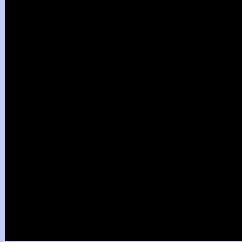
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.6240, 20.3984, -9.3172

Background



This preview shows how black text looks on a background with the YUV color 205.6240, 20.3984, -9.3172.



This preview shows how white text looks on a background with the YUV color 205.6240, 20.3984, -9.3172.

-9.3172.

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

205.6240, 20.3984, -9.3172

Protanopia

205.6240, 20.3984, -9.3172

Deuteranopia

206.3690, 20.5241, -2.9546



Tritanopia

204.1540, 9.7841, -11.5361

Trichromacy



Original Color

205.6240, 20.3984, -9.3172

Protanomaly

205.6240, 20.3984, -9.3172

Deuteranomaly

206.0590, 20.6769, -5.3137

Tritanomaly

204.7780, 13.4204, -11.2063

Monochromacy



Original Color

205.6240, 20.3984, -9.3172

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9270, 7.4310, -3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.6240, 20.3984, -9.3172 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(195, 203, 247)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 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(195, 203, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 247) }
```

Border

The CSS property to change the border of an element to YUV 205.6240, 20.3984, -9.3172 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(195, 203, 247) }
```


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

```
.border{ border-color:rgb(195, 203, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 247);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 205.6240, 20.3984, -9.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 247) }
```

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

```
.background{ background-color: rgb(195,  
203, 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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