

Converting Colors

YUV(203.3630, 19.5410,
-14.3504)

Have a look what the booklet for
YUV(203.3630, 19.5410, -14.3504)
contains.

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Color

**YUV(203.3630, 19.5410,
-14.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCCF3
RGB	187, 204, 243
RGB Percent	73%, 80%, 95%
CMY	0.2667, 0.2000, 0.0471
CMYK	0.23, 0.16, 0.00, 0.05
HSL	222°, 70%, 84%
HSV	222°, 23%, 95%
XYZ	58.2640, 60.2216, 93.3471
YIQ	203.3630, -22.6510, 8.5250

Conversions

Conversions Part 2

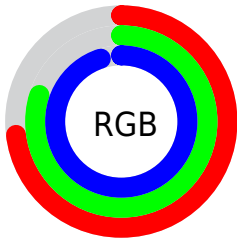
Format	Color
R _Y B	187, 200, 243
Decimal	12307699
CIE Lab	81.96, 2.51, -21.10
CIE LCh	82, 21.250, 276.773
Yxy	60.2216, 0.2750, 0.2843
Android (android.graphics.Color)	4290497779 (0xFFBBCCF3)
YUV	203.3630, 19.5410, -14.3504
Hunter-Lab	77.6026, -1.7866, -16.9974

Details

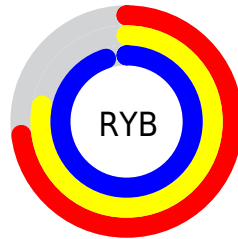
The YUV color $203.3630, 19.5410, -14.3504$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.6370, -19.5410, 14.3504$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, 1.6215, -6.7625$, and $149.1350, 18.6674, -14.1504$ is the 20% darker color. If you saturate the color by 10%, you get $186.2080, 27.9985, -20.3534$, and if you desaturate by 10%, it is $220.5180, 11.0836, -8.3473$.

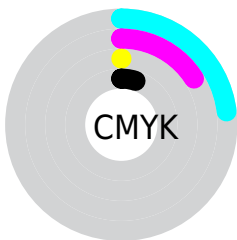
Distribution



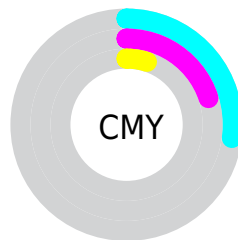
- Red (73%)
- Green (80%)
- Blue (95%)



- Red (73%)
- Yellow (78%)
- Blue (95%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (27%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3630, 19.5410, -14.3504 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 203.3630, 19.5410, -14.3504 by changing the saturation by 10% instead.

■ 203.3630, 19.5410,
-14.3504

■ 203.3630, 19.5410,
-14.3504

255.0000, 0.0000,
0.0000

■ 176.2490, 19.1042,
-14.2504

■ 251.7110, 1.6215,
-6.7625

■ 149.1350, 18.6674,
-14.1504

■ 123.0210, 18.2306,
-14.0504

■ 97.7930, 17.3571,
-13.8505

■ 73.9670, 16.7783,
-14.8801

■ 50.5540, 16.4889,
-15.3949

■ 27.4180, 16.0629,

-18.7836

■ 8.5550, 15.0094,
-7.5027

■ 2.4110, 6.6994,
-2.1144

■ 203.3630, 19.5410,
-14.3504

■ 203.3630, 19.5410,
-14.3504

■ 186.2080, 27.9985,
-20.3534

■ 220.5180, 11.0836,
-8.3473

■ 168.7540, 36.6033,
-26.9713

■ 237.9720, 2.4788,
-1.7294

■ 151.5990, 45.0607,
-32.9743

■ 253.6320, -5.2416,
1.1997

■ 134.4440, 53.5181,
-38.9774

■ 117.2890, 61.9755,
-44.9805

■ 99.8350, 70.5803,
-51.5983

■ 83.2670, 78.7484,
-58.1162

■ 71.1400, 84.7270,
-62.3898

Harmonies

Analogous

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



199.3670, 20.0321, -31.8939



203.3630, 19.5410, -14.3504



206.2300, 14.6766, 5.9373

Triad

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



203.3630, 19.5410, -14.3504



206.2940, -12.4699, 33.0682



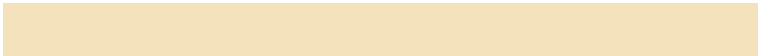
197.7660, -5.3076, -24.3508

Complementary

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



203.3630, 19.5410, -14.3504



226.6370, -19.5410, 14.3504

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.



200.2860, -13.9450, -7.2668



203.3630, 19.5410, -14.3504



204.4580, -17.9738, 25.0313

Square

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



203.3630, 19.5410, -14.3504



207.2860, -3.5920, 32.1982



202.7290, -19.0934, 10.7617



195.9630, 5.9342, -36.8016

Rectangle

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



203.3630, 19.5410, -14.3504



207.2270, 9.2551, 18.2179



202.7290, -19.0934, 10.7617



198.5880, -8.6709, -18.9327

Sweetspot

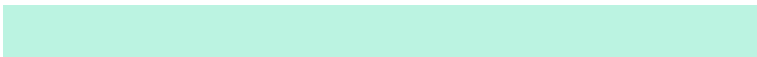
The Sweet Spot groups the original color and five complimentary colors.



203.3630, 19.5410, -14.3504



242.5740, 6.1260, -4.8884



224.2040, 0.3924, -32.6279



120.0150, 3.9366, -2.6442



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.



203.3630, 19.5410, -14.3504



204.4210, 24.9354, -17.9092



196.3740, 22.9866, 0.5490



113.7160, 4.0840, -3.2589



54.6630, 64.7491, -47.9395



17.2920, 20.5620, -15.1651

Inverse Universe

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



205.6820, -0.8292, 32.7279



207.6230, -1.2931, 41.5496



233.6260, -22.9866, -0.5490



114.0440, -0.0217, 6.9774



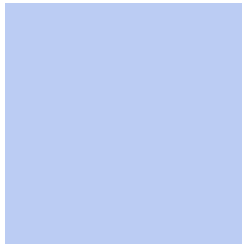
62.1120, -2.5202, 108.6498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 203.3630, 19.5410, -14.3504 looks on a white background.

Color Contrast Check

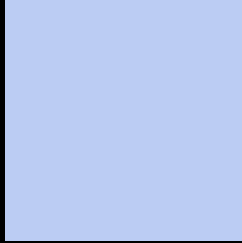
Large Text (above 18pt) WCAG AA × Fail

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 203.3630, 19.5410, -14.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

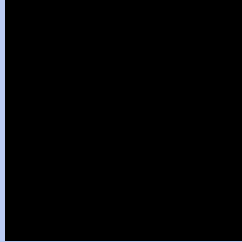
Any Text WCAG AA ✓ Pass

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 203.3630, 19.5410, -14.3504 Background



This preview shows how black text looks on a background with the YUV color 203.3630, 19.5410, -14.3504.



This preview shows how white text looks on a background with the YUV color 203.3630, 19.5410, -14.3504.

-14.3504.

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

203.3630, 19.5410, -14.3504

Protanopia

204.3530, 18.0670, -8.2026

Deuteranopia

205.3260, 19.0663, -2.0399



Tritanopia

201.7620, 10.9633, -16.4543

Trichromacy



Original Color

203.3630, 19.5410, -14.3504

Protanomaly

204.1570, 18.6566, -10.6617

Deuteranomaly

204.7060, 19.3719, -6.7582

Tritanomaly

202.2720, 14.1629, -16.0245

Monochromacy



Original Color

203.3630, 19.5410, -14.3504

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9160, 7.4364, -5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3630, 19.5410, -14.3504 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(187, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(187, 204, 243)  
}
```

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(187, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 204, 243) }
```

Border

The CSS property to change the border of an element to YUV 203.3630, 19.5410, -14.3504 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(187, 204, 243) }
```


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

```
.border{ border-color:rgb(187, 204, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 204, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(187, 204,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 203.3630, 19.5410, -14.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 204, 243) }
```

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

```
.background{ background-color: rgb(187,  
204, 243) }
```

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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