

Converting Colors

YUV(205.6280, 24.3404,
-13.7058)

Have a look what the booklet for
YUV(205.6280, 24.3404, -13.7058)
contains.

YUV(205.6280, 24.3404, -13.7058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(205.6280, 24.3404,
-13.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	BECCFF
RGB	190, 204, 255
RGB Percent	75%, 80%, 100%
CMY	0.2549, 0.2000, 0.0000
CMYK	0.25, 0.20, 0.00, 0.00
HSL	227°, 100%, 87%
HSV	227°, 25%, 100%
XYZ	60.8781, 61.3529, 103.2414
YIQ	205.6280, -24.7150, 12.8930

Conversions

Conversions Part 2

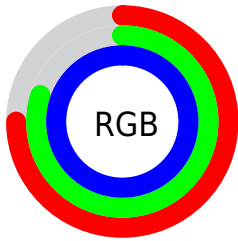
Format	Color
RYB	190, 202, 255
Decimal	12504319
CIELab	82.57, 6.14, -26.54
CIELCh	83, 27.240, 283.022
Yxy	61.3529, 0.2700, 0.2721
Android (android.graphics.Color)	4290694399 (0xFFBECCFF)
YUV	205.6280, 24.3404, -13.7058
Hunter-Lab	78.3281, 1.6594, -23.3184

Details

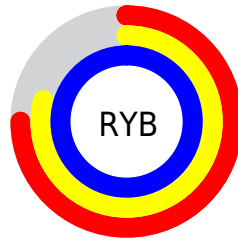
The YUV color **205.6280, 24.3404, -13.7058** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **239.3720, -24.3404, 13.7058**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, 1.1793, -4.9182**, and **150.9870, 23.1774, -14.0206** is the 20% darker color. If you saturate the color by 10%, you get **186.4130, 33.8134, -18.7792**, and if you desaturate by 10%, it is **225.1420, 14.7200, -8.0175**.

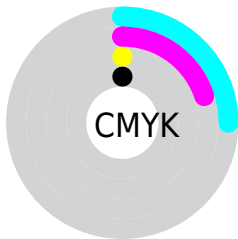
Distribution



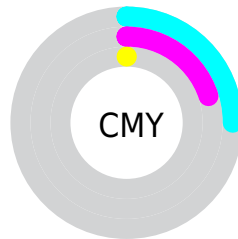
- Red (75%)
- Green (80%)
- Blue (100%)



- Red (75%)
- Yellow (79%)
- Blue (100%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.6280, 24.3404, -13.7058 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 205.6280, 24.3404, -13.7058 by changing the saturation by 10% instead.

■ 205.6280, 24.3404,
-13.7058

■ 205.6280, 24.3404,
-13.7058

255.0000, 0.0000,
0.0000

■ 178.1010, 23.6142,
-14.1206

■ 252.6080, 1.1793,
-4.9182

■ 150.9870, 23.1774,
-14.0206

■ 124.8730, 22.7406,
-13.9206

■ 99.3460, 22.0144,
-14.3354

■ 75.4060, 20.9988,
-15.2651

■ 51.5800, 20.4201,
-16.2947

■ 27.3620, 21.0205,

-22.2425

■ 10.0540, 18.2144,
-8.8174

■ 3.5510, 11.0674,
-3.1142

■ 205.6280, 24.3404,
-13.7058

■ 205.6280, 24.3404,
-13.7058

■ 186.4130, 33.8134,
-18.7792

■ 225.1420, 14.7200,
-8.0175

■ 166.8990, 43.4338,
-24.4674

■ 244.3570, 5.2470,
-2.9441

■ 147.6840, 52.9068,
-29.5409

255.0000, 0.0000,
0.0000

■ 128.1700, 62.5272,
-35.2291

■ 108.9550, 72.0002,
-40.3025

■ 89.4410, 81.6206,
-45.9908

■ 70.2260, 91.0936,
-51.0642

■ 61.3550, 95.4670,
-53.8083

Harmonies

Analogous

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



200.0440, 26.6003, -38.6266



205.6280, 24.3404, -13.7058



208.8440, 16.8389, 12.4148

Triad

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



205.6280, 24.3404, -13.7058



207.6710, -17.5858, 40.6305



196.8570, -3.3805, -35.8316

Complementary

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



205.6280, 24.3404, -13.7058



239.3720, -24.3404, 13.7058

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.



199.7860, -15.6705, -13.8443



205.6280, 24.3404, -13.7058



205.8730, -24.0944, 28.1754

Square

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



205.6280, 24.3404, -13.7058



208.2440, -6.5293, 41.0050



202.9800, -23.1611, 8.7875



194.1290, 10.7824, -51.8561

Rectangle

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



205.6280, 24.3404, -13.7058



209.6950, 9.5174, 27.4545



202.9800, -23.1611, 8.7875



198.0490, -7.9122, -28.9840

Sweetspot

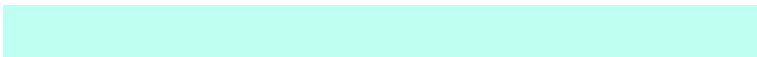
The Sweet Spot groups the original color and five complimentary colors.



205.6280, 24.3404, -13.7058



239.6280, 7.5784, -4.0588



233.9690, 3.4663, -38.5608



117.6560, 5.0996, -2.3293



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.



205.6280, 24.3404, -13.7058



194.9850, 29.5874, -16.6498



202.7920, 25.7385, 4.5674



117.6560, 5.0996, -2.3293



45.8410, 71.5634, -40.2026



15.5140, 23.9036, -13.6058

Inverse Universe

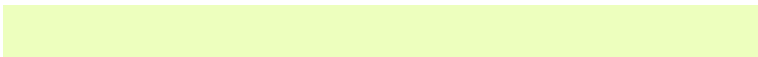
The Inverse Universe completely reimagines the original color for something new.



211.0310, -3.4663, 38.5608



201.5590, -4.2196, 46.8678



242.2080, -25.7385, -4.5674



119.1150, -1.0427, 7.7921



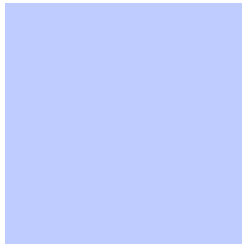
61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 205.6280, 24.3404, -13.7058 looks on a white background.

Color Contrast Check

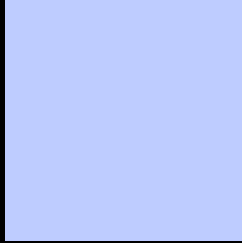
Large Text (above 18pt) WCAG AA × Fail

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 205.6280, 24.3404, -13.7058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

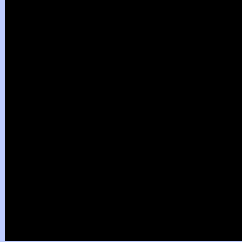
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.6280, 24.3404, -13.7058

Background



This preview shows how black text looks on a background with the YUV color 205.6280, 24.3404, -13.7058.



This preview shows how white text looks on a background with the YUV color 205.6280, 24.3404, -13.7058.

-13.7058.

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

205.6280, 24.3404, -13.7058

Protanopia

205.8240, 23.7508, -11.2466

Deuteranopia

206.5580, 23.8819, -6.6284



Tritanopia

203.4630, 11.1107, -17.0691

Trichromacy



Original Color

205.6280, 24.3404, -13.7058

Protanomaly

205.5250, 23.8982, -11.8614

Deuteranomaly

206.2480, 24.0347, -8.9875

Tritanomaly

204.1410, 16.1995, -15.9097

Monochromacy



Original Color

205.6280, 24.3404, -13.7058

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.6710, 9.0362, -4.9735

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.6280, 24.3404, -13.7058 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(190, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 255)  
}
```

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(190, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 255) }
```

Border

The CSS property to change the border of an element to YUV 205.6280, 24.3404, -13.7058 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(190, 204, 255) }
```


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

```
.border{ border-color:rgb(190, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 205.6280, 24.3404, -13.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 255) }
```

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

```
.background{ background-color: rgb(190,  
204, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor