

Converting Colors

YUV(202.6220, 23.3574,
-25.1015)

Have a look what the booklet for
YUV(202.6220, 23.3574, -25.1015)
contains.

YUV(202.6220, 23.3574, -25.1015)	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(202.6220, 23.3574,
-25.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	AED0FA
RGB	174, 208, 250
RGB Percent	68%, 82%, 98%
CMY	0.3176, 0.1843, 0.0196
CMYK	0.30, 0.17, 0.00, 0.02
HSL	213°, 88%, 83%
HSV	213°, 30%, 98%
XYZ	57.2668, 61.0125, 99.2008
YIQ	202.6220, -33.7460, 5.8540

Conversions

Conversions Part 2

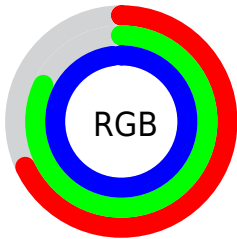
Format	Color
RYB	174, 197, 250
Decimal	11456762
CIELab	82.39, -1.77, -24.26
CIElCh	82, 24.321, 265.822
Yxy	61.0125, 0.2633, 0.2805
Android (android.graphics.Color)	4289646842 (0xFFAED0FA)
YUV	202.6220, 23.3574, -25.1015
Hunter-Lab	78.1105, -5.8261, -20.6213

Details

The YUV color $202.6220, 23.3574, -25.1015$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $221.3780, -23.3574, 25.1015$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $148.2800, 22.0470, -24.8016$ is the 20% darker color. If you saturate the color by 10%, you get $186.9290, 31.0940, -33.2637$, and if you desaturate by 10%, it is $218.3150, 15.6207, -16.9393$.

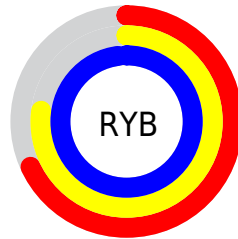
Distribution



Red (68%)

Green (82%)

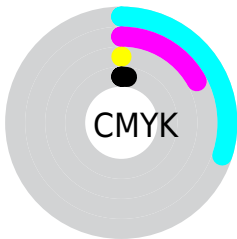
Blue (98%)



Red (68%)

Yellow (77%)

Blue (98%)

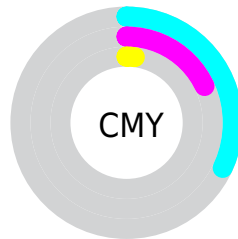


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (32%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.6220, 23.3574, -25.1015 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 202.6220, 23.3574, -25.1015 by changing the saturation by 10% instead.

■ 202.6220, 23.3574,
-25.1015

■ 202.6220, 23.3574,
-25.1015

255.0000, 0.0000,
0.0000

■ 174.5080, 22.9206,
-25.0015

■ 247.8240, 3.5378,
-14.7546

■ 148.2800, 22.0470,
-24.8016

■ 121.8670, 21.7576,
-25.3164

■ 96.4540, 21.4682,
-25.8312

■ 71.3290, 21.0368,
-27.4755

■ 45.1110, 21.6373,
-33.4233

■ 28.0690, 18.7000,

-24.6165

■ 12.6470, 15.4570,
-11.0914

■ 3.0950, 9.3202,
-2.7143

■ 202.6220, 23.3574,
-25.1015

■ 202.6220, 23.3574,
-25.1015

■ 186.9290, 31.0940,
-33.2637

■ 218.3150, 15.6207,
-16.9393

■ 171.2360, 38.8307,
-41.4260

■ 234.0080, 7.8841,
-8.7770

■ 156.1300, 46.2779,
-50.1030

■ 249.1140, 0.4368,
-0.1000

■ 140.4370, 54.0146,
-58.2652

■ 254.4300, -2.1840,
0.4999

■ 124.7440, 61.7512,
-66.4275

■ 109.0510, 69.4879,
-74.5897

■ 94.2440, 76.7877,
-82.6520

Harmonies

Analogous

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



197.7570, 21.8118, -42.7599



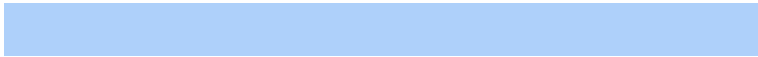
202.6220, 23.3574, -25.1015



206.7390, 19.3557, -1.5251

Triad

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



202.6220, 23.3574, -25.1015



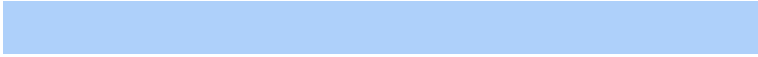
208.0820, -10.8864, 38.5161



198.9360, -9.8284, -20.9919

Complementary

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



202.6220, 23.3574, -25.1015



221.3780, -23.3574, 25.1015

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.



202.0650, -18.7660, -0.9340



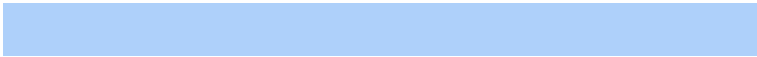
202.6220, 23.3574, -25.1015



206.5730, -19.0165, 32.8235

Square

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



202.6220, 23.3574, -25.1015



208.9210, 0.0389, 34.2723



204.0890, -21.7359, 18.3389



196.3280, 2.3033, -38.8757

Rectangle

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



202.6220, 23.3574, -25.1015



208.4590, 14.0707, 13.6295



204.0890, -21.7359, 18.3389



200.3560, -13.4865, -14.3442

Sweetspot

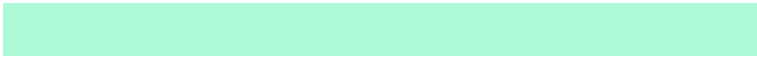
The Sweet Spot groups the original color and five complimentary colors.



202.6220, 23.3574, -25.1015



240.4920, 7.1524, -7.4475



223.4000, -3.6482, -43.3238



118.8190, 4.5262, -5.1033



0.0000, 0.0000, 0.0000



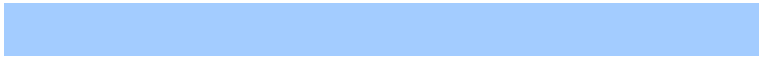
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



202.6220, 23.3574, -25.1015



197.5550, 28.3204, -30.3047



183.8600, 32.6070, -5.1392



117.0040, 3.9420, -4.3885



70.8540, 58.2460, -62.1390



22.8030, 18.8311, -19.9982

Inverse Universe

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



200.6000, 3.6482, 43.3238



195.1820, 4.3473, 52.4604



240.1400, -32.6070, 5.1392



116.5710, 0.7045, 7.3922



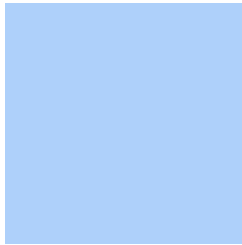
66.0870, 8.8311, 107.7947



21.3170, 2.8017, 34.8020

Previews

White Background



This preview shows how the YUV color 202.6220, 23.3574, -25.1015 looks on a white background.

Color Contrast Check

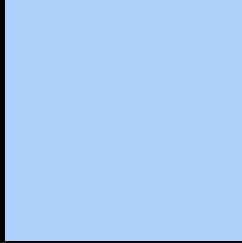
Large Text (above 18pt) WCAG AA × Fail

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 202.6220, 23.3574, -25.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

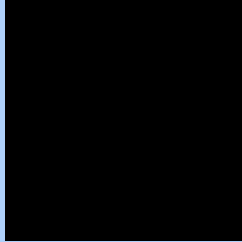
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

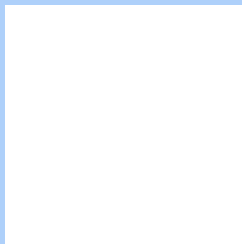
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.6220, 23.3574, -25.1015

Background



This preview shows how black text looks on a background with the YUV color 202.6220, 23.3574, -25.1015.



This preview shows how white text looks on a background with the YUV color 202.6220, 23.3574, -25.1015.

-25.1015.

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

202.6220, 23.3574, -25.1015

Protanopia

205.5100, 19.9616, -9.2173

Deuteranopia

206.2270, 22.5661, -4.5841



Tritanopia

201.0810, 13.7641, -28.1350

Trichromacy



Original Color

202.6220, 23.3574, -25.1015

Protanomaly

204.4060, 20.9988, -15.2651

Deuteranomaly

204.8840, 22.7352, -12.1763

Tritanomaly

202.0040, 17.2530, -27.1905

Monochromacy



Original Color

202.6220, 23.3574, -25.1015

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.6220, 23.3574, -25.1015 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(174, 208, 250)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 250)  
}
```

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(174, 208, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 250) }
```

Border

The CSS property to change the border of an element to YUV 202.6220, 23.3574, -25.1015 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(174, 208, 250) }
```


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

```
.border{ border-color:rgb(174, 208, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 208, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 202.6220, 23.3574, -25.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 250) }
```

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

```
.background{ background-color: rgb(174,  
208, 250) }
```

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