

Converting Colors

YUV(192.6220, 23.3574,
-25.1015)

Have a look what the booklet for
YUV(192.6220, 23.3574, -25.1015)
contains.

YUV(192.6220, 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(192.6220, 23.3574,
-25.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C6F0
RGB	164, 198, 240
RGB Percent	64%, 78%, 94%
CMY	0.3569, 0.2235, 0.0588
CMYK	0.32, 0.17, 0.00, 0.06
HSL	213°, 72%, 79%
HSV	213°, 32%, 94%
XYZ	51.2321, 54.5720, 90.2713
YIQ	192.6220, -33.7460, 5.8540

Conversions

Conversions Part 2

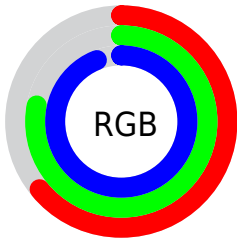
Format	Color
RYB	164, 187, 240
Decimal	10798832
CIELab	78.79, -1.68, -24.45
CIElCh	79, 24.505, 266.071
Yxy	54.5720, 0.2613, 0.2783
Android (android.graphics.Color)	4288988912 (0xFFA4C6F0)
YUV	192.6220, 23.3574, -25.1015
Hunter-Lab	73.8728, -5.4846, -20.7404

Details

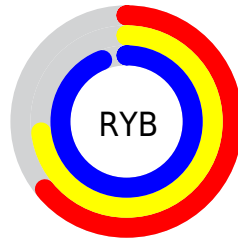
The YUV color $192.6220, 23.3574, -25.1015$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $211.3780, -23.3574, 25.1015$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5350, 5.1592, -21.5172$, and $138.3940, 22.4838, -24.9015$ is the 20% darker color. If you saturate the color by 10%, you get $177.8150, 30.6572, -33.1638$, and if you desaturate by 10%, it is $207.4290, 16.0575, -17.0392$.

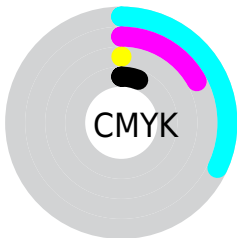
Distribution



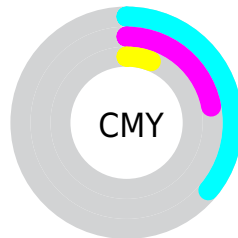
- Red (64%)
- Green (78%)
- Blue (94%)



- Red (64%)
- Yellow (73%)
- Blue (94%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.6220, 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 192.6220, 23.3574, -25.1015 by changing the saturation by 10% instead.

■ 192.6220, 23.3574,
-25.1015

■ 192.6220, 23.3574,
-25.1015

255.0000, 0.0000,
0.0000

■ 165.5080, 22.9206,
-25.0015

■ 244.5350, 5.1592,
-21.5172

■ 138.3940, 22.4838,
-24.9015

■ 253.5050, 0.7370,
-3.0739

■ 112.8670, 21.7576,
-25.3164

■ 87.4540, 21.4682,
-25.8312

■ 62.6170, 20.8948,
-28.6051

■ 37.4100, 21.4899,
-32.8086

■ 23.0480, 17.2313,

-20.2131

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 192.6220, 23.3574,
-25.1015

■ 192.6220, 23.3574,
-25.1015

■ 177.8150, 30.6572,
-33.1638

■ 207.4290, 16.0575,
-17.0392

■ 162.4210, 38.2464,
-40.7112

■ 222.8230, 8.4683,
-9.4918

■ 147.6140, 45.5463,
-48.7735

■ 237.6300, 1.1684,
-1.4295

■ 132.8070, 52.8461,
-56.8357

■ 250.9420, -5.3944,
3.5589

■ 118.0000, 60.1460,
-64.8980

■ 253.2900, -6.5520,
1.4997

■ 102.6060, 67.7352,
-72.4455

■ 90.1690, 73.8667,
-79.0782

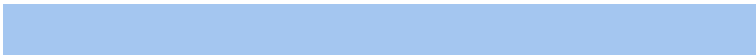
Harmonies

Analogous

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



187.7570, 21.8118, -42.7599



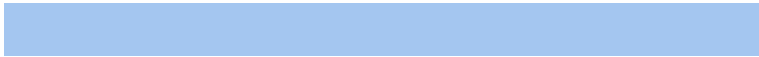
192.6220, 23.3574, -25.1015



196.7390, 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.



192.6220, 23.3574, -25.1015



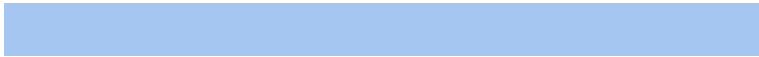
198.0820, -10.8864, 38.5161



188.9360, -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.



192.6220, 23.3574, -25.1015



211.3780, -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.



192.0650, -18.7660, -0.9340



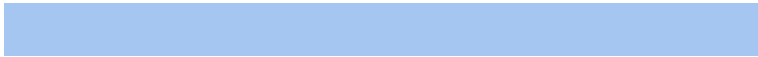
192.6220, 23.3574, -25.1015



196.2740, -18.8691, 32.2087

Square

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



192.6220, 23.3574, -25.1015



198.9210, 0.0389, 34.2723



194.0890, -21.7359, 18.3389



186.3280, 2.3033, -38.8757

Rectangle

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



192.6220, 23.3574, -25.1015



198.4590, 14.0707, 13.6295



194.0890, -21.7359, 18.3389



190.0570, -13.3391, -14.9590

Sweetspot

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



192.6220, 23.3574, -25.1015



239.3070, 7.7366, -8.1622



213.4000, -3.6482, -43.3238



117.9330, 4.9630, -5.2032



0.0000, 0.0000, 0.0000



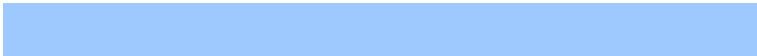
128.0000, 0.0000, 0.0000

Same Dimension

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



192.6220, 23.3574, -25.1015



194.2990, 29.9256, -31.8342



173.8600, 32.6070, -5.1392



112.3030, 3.7946, -3.7737



69.1100, 56.6408, -60.6095



21.0590, 17.2259, -18.4687

Inverse Universe

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



190.6000, 3.6482, 43.3238



191.9050, 4.4838, 55.3343



230.1400, -32.6070, 5.1392



112.1580, 0.4151, 6.8774



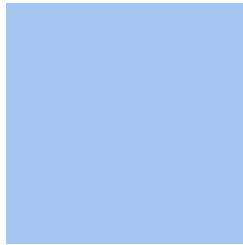
64.3640, 8.6945, 104.9208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 192.6220, 23.3574, -25.1015 looks on a white background.

Color Contrast Check

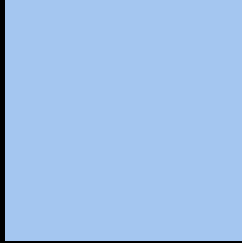
Large Text (above 18pt) WCAG AA × Fail

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 192.6220, 23.3574, -25.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

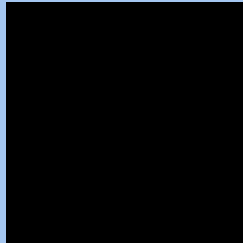
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

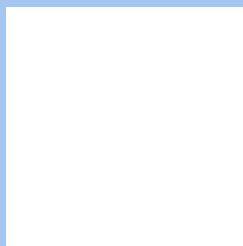
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 192.6220, 23.3574, -25.1015

Background



This preview shows how black text looks on a background with the YUV color 192.6220, 23.3574, -25.1015.



This preview shows how white text looks on a background with the YUV color 192.6220, 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

192.6220, 23.3574, -25.1015

Protanopia

195.5100, 19.9616, -9.2173

Deuteranopia

196.5150, 22.4241, -5.7137



Tritanopia

190.9670, 13.3273, -28.0351

Trichromacy



Original Color

192.6220, 23.3574, -25.1015

Protanomaly

194.4060, 20.9988, -15.2651

Deuteranomaly

195.4710, 22.4458, -12.6911

Tritanomaly

191.8900, 16.8162, -27.0905

Monochromacy



Original Color

192.6220, 23.3574, -25.1015

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.6220, 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(164, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 240)  
}
```

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(164, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 240) }
```

Border

The CSS property to change the border of an element to YUV 192.6220, 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(164, 198, 240) }
```


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

```
.border{ border-color:rgb(164, 198, 240) }
```

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

Here you see how a box with a 4 pixel rgb(164, 198, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 240);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 192.6220, 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(164, 198, 240) }
```

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

```
.background{ background-color: rgb(164,  
198, 240) }
```

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