

Converting Colors

YUV(131.5240, 48.5487,
-78.5125)

Have a look what the booklet for
YUV(131.5240, 48.5487, -78.5125)
contains.

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Color

**YUV(131.5240, 48.5487,
-78.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	2A9EE6
RGB	42, 158, 230
RGB Percent	16%, 62%, 90%
CMY	0.8353, 0.3804, 0.0980
CMYK	0.82, 0.31, 0.00, 0.10
HSL	203°, 79%, 53%
HSV	203°, 82%, 90%
XYZ	27.4646, 30.6591, 79.3332
YIQ	131.5240, -92.2480, -2.2000

Conversions

Conversions Part 2

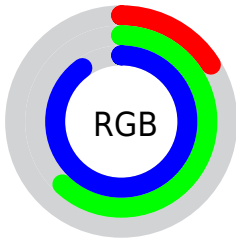
Format	Color
R_{YB}	42, 114, 230
Decimal	2793190
CIE _{Lab}	62.22, -6.59, -45.11
CIE _{LCh}	62, 45.587, 261.686
Yxy	30.6591, 0.1998, 0.2230
Android (android.graphics.Color)	4280983270 (0xFF2A9EE6)
YUV	131.5240, 48.5487, -78.5125
Hunter-Lab	55.3707, -8.3602, -46.1891

Details

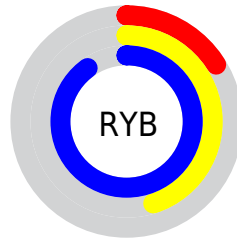
The YUV color **131.5240, 48.5487, -78.5125** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **140.4760, -48.5487, 78.5125**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7960, 32.6386, -62.0881**, and **82.6450, 45.0380, -72.4797** is the 20% darker color. If you saturate the color by 10%, you get **119.3640, 54.5435, -88.0192**, and if you desaturate by 10%, it is **143.6840, 42.5538, -69.0059**.

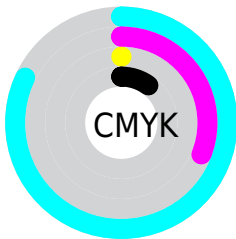
Distribution



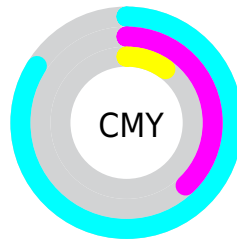
- Red (16%)
- Green (62%)
- Blue (90%)



- Red (16%)
- Yellow (45%)
- Blue (90%)



- Cyan (82%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)



- Cyan (84%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.5240, 48.5487, -78.5125 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 131.5240, 48.5487, -78.5125 by changing the saturation by 10% instead.

■ 131.5240, 48.5487,
-78.5125

■ 131.5240, 48.5487,
-78.5125

255.0000, 0.0000,
0.0000

■ 100.5120, 50.0336,
-88.1490

■ 188.7960, 32.6386,
-62.0881

■ 82.6450, 45.0380,
-72.4797

■ 215.3870, 19.5292,
-57.3444

■ 65.4790, 40.1899,
-57.4251

■ 232.8740, 10.9081,
-45.4935

■ 49.0140, 35.4891,
-42.9853

■ 242.1430, 6.3385,
-26.4354

■ 33.8370, 30.6464,
-29.6750

■ 251.4120, 1.7689,
-7.3773

■ 19.3610, 25.9510,
-16.9796

■ 7.8200, 19.8087,

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 131.5240, 48.5487,
-78.5125

■ 131.5240, 48.5487,
-78.5125

■ 119.3640, 54.5435,
-88.0192

■ 143.6840, 42.5538,
-69.0059

■ 109.5740, 59.3700,
-96.0964

■ 155.8440, 36.5589,
-59.4992

■ 167.4170, 30.8534,
-49.4777

■ 179.5770, 24.8585,
-39.9710

■ 191.7370, 18.8637,
-30.4643

■ 203.8970, 12.8688,
-20.9577

■ 216.0570, 6.8739,
-11.4510

■ 227.6300, 1.1684,
-1.4295

■ 239.7900, -4.8265,
8.0772

Harmonies

Analogous

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



122.3110, 44.7097, -107.2667



131.5240, 48.5487, -78.5125



150.6570, 37.1441, -13.7312

Triad

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



131.5240, 48.5487, -78.5125



150.8620, -13.7360, 65.8960



137.9160, -19.6786, -35.0063

Complementary

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



131.5240, 48.5487, -78.5125



140.4760, -48.5487, 78.5125

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.



143.7220, -35.3589, 1.1208



131.5240, 48.5487, -78.5125



149.4420, -30.2909, 55.7404

Square

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



131.5240, 48.5487, -78.5125



153.6280, 4.6204, 58.2082



147.4100, -38.6561, 32.0894



115.4080, 10.6449, -101.2128

Rectangle

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



131.5240, 48.5487, -78.5125



154.7380, 27.7372, 16.8928



147.4100, -38.6561, 32.0894



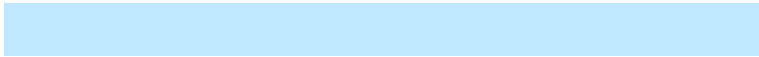
140.0980, -25.6843, -22.0109

Sweetspot

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



131.5240, 48.5487, -78.5125



221.7760, 16.3794, -26.9906



160.2220, -24.2664, -103.6807



107.5340, 10.0897, -16.2543



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.



131.5240, 48.5487, -78.5125



123.8980, 64.6333, -104.2735



78.1070, 74.8832, -31.6658



108.4770, 3.2158, -4.8033



84.9760, 46.3538, -74.5240



24.0110, 13.3056, -21.0576

Inverse Universe

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



111.4360, 22.9561, 103.9806



97.3060, 30.4151, 138.2976



193.8930, -74.8832, 31.6658



107.3860, 1.2887, 6.6775



66.0610, 21.6619, 99.0475



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 131.5240, 48.5487, -78.5125 looks on a white background.

Color Contrast Check

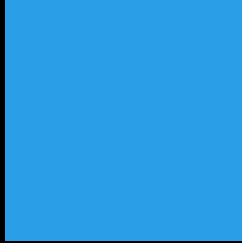
Large Text (above 18pt) WCAG AA × Fail

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 131.5240, 48.5487, -78.5125 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

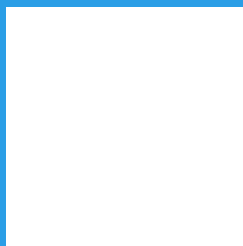
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.5240, 48.5487, -78.5125

Background



This preview shows how black text looks on a background with the YUV color 131.5240, 48.5487, -78.5125.



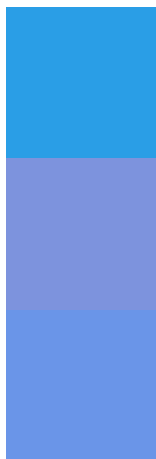
This preview shows how white text looks on a background with the YUV color 131.5240, 48.5487, -78.5125.

-78.5125.

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

131.5240, 48.5487, -78.5125

Protanopia

148.8580, 35.5660, -20.9235

Deuteranopia

145.6050, 42.5927, -34.7336



Tritanopia

117.8480, 30.1479, -103.3527

Trichromacy



Original Color

131.5240, 48.5487, -78.5125

Protanomaly

142.5780, 40.1410, -41.7259

Deuteranomaly

140.3750, 44.6781, -50.3179

Tritanomaly

122.7380, 37.1042, -94.4862

Monochromacy



Original Color

131.5240, 48.5487, -78.5125

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.5200, 17.9846, -28.5200

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.5240, 48.5487, -78.5125 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(42, 158, 230)` looks like.

```
.text, #text, p{  
    color:rgb(42, 158, 230)  
}
```

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(42, 158, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 158, 230) }
```

Border

The CSS property to change the border of an element to YUV 131.5240, 48.5487, -78.5125 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(42, 158, 230) }
```


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

```
.border{ border-color:rgb(42, 158, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 158, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 158, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 158, 230);  
box-shadow:4px 4px 4px 4px rgb(42, 158,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 131.5240, 48.5487, -78.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 158, 230) }
```

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

```
.background{ background-color: rgb(42, 158,  
230) }
```

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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