

Converting Colors

YUV(194.3560, 20.0375,
-33.6382)

Have a look what the booklet for
YUV(194.3560, 20.0375, -33.6382)
contains.

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Color

**YUV(194.3560, 20.0375,
-33.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	9CCEEB
RGB	156, 206, 235
RGB Percent	61%, 81%, 92%
CMY	0.3882, 0.1922, 0.0784
CMYK	0.34, 0.12, 0.00, 0.08
HSL	202°, 66%, 77%
HSV	202°, 34%, 92%
XYZ	50.7770, 57.2087, 86.9634
YIQ	194.3560, -39.1090, -1.5810

Conversions

Conversions Part 2

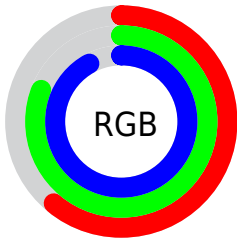
Format	Color
RYB	156, 187, 235
Decimal	10276587
CIELab	80.30, -9.37, -19.53
CIElCh	80, 21.662, 244.384
Yxy	57.2087, 0.2605, 0.2935
Android (android.graphics.Color)	4288466667 (0xFF9CCEEB)
YUV	194.3560, 20.0375, -33.6382
Hunter-Lab	75.6364, -12.5313, -15.2235

Details

The YUV color **194.3560, 20.0375, -33.6382** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **196.6440, -20.0375, 33.6382**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **140.1280, 19.1639, -33.4383** is the 20% darker color. If you saturate the color by 10%, you get **182.1960, 26.0324, -43.1449**, and if you desaturate by 10%, it is **206.8150, 13.8952, -23.5168**.

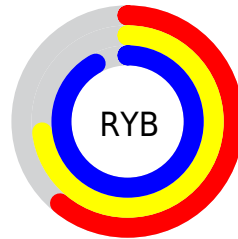
Distribution



Red (61%)

Green (81%)

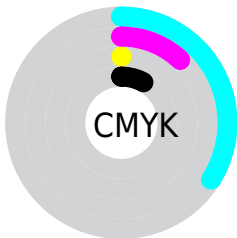
Blue (92%)



Red (61%)

Yellow (73%)

Blue (92%)

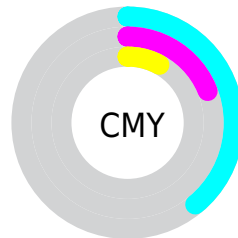


Cyan (34%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (39%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.3560, 20.0375, -33.6382 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 194.3560, 20.0375, -33.6382 by changing the saturation by 10% instead.

■ 194.3560, 20.0375,
-33.6382

■ 194.3560, 20.0375,
-33.6382

255.0000, 0.0000,
0.0000

■ 167.2420, 19.6007,
-33.5382

■ 242.1430, 6.3385,
-26.4354

■ 140.1280, 19.1639,
-33.4383

■ 250.8140, 2.0637,
-8.6069

■ 113.7150, 18.8745,
-33.9531

■ 88.0030, 18.7325,
-35.0826

■ 61.4970, 19.4750,
-39.9009

■ 40.4760, 18.0063,
-35.4975

■ 25.5270, 14.0372,

-22.3872

■ 6.1100, 13.2568,
-5.3585

■ 0.7980, 3.0576,
-0.6998

■ 194.3560, 20.0375,
-33.6382

■ 194.3560, 20.0375,
-33.6382

■ 182.1960, 26.0324,
-43.1449

■ 206.8150, 13.8952,
-23.5168

■ 170.3240, 31.8853,
-53.7811

■ 218.3880, 8.1897,
-13.4953

■ 158.1640, 37.8801,
-63.2878

■ 230.8470, 2.0474,
-3.3738

■ 145.7050, 44.0224,
-73.4093

■ 243.0070, -3.9475,
6.1329

■ 134.1320, 49.7279,
-83.4308

■ 249.1980, -6.9996,
5.0884

■ 121.6730, 55.8702,
-93.5522

■ 252.7200, -8.7360,
1.9996

■ 114.2530, 59.5283,
-100.1999

Harmonies

Analogous

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



191.5200, 14.5336, -41.6750



194.3560, 20.0375, -33.6382



198.4660, 19.9833, -16.1947

Triad

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



194.3560, 20.0375, -33.6382



202.8130, -2.8658, 32.6130



195.7700, -14.6766, -5.9373

Complementary

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



194.3560, 20.0375, -33.6382



196.6440, -20.0375, 33.6382

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.



198.3270, -19.3882, 11.9912



194.3560, 20.0375, -33.6382



201.7070, -12.1806, 33.5830

Square

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



194.3560, 20.0375, -33.6382



202.6790, 7.0603, 22.2065



200.0560, -18.2686, 26.2609



193.2500, -6.0393, -23.0212

Rectangle

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



194.3560, 20.0375, -33.6382



200.5710, 17.4665, -2.2548



200.0560, -18.2686, 26.2609



196.5320, -17.0243, 0.4104

Sweetspot

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



194.3560, 20.0375, -33.6382



242.2420, 6.2897, -10.7362



205.6790, -10.1947, -43.5685



119.6940, 4.0949, -6.7476



0.0000, 0.0000, 0.0000



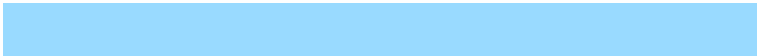
128.0000, 0.0000, 0.0000

Same Dimension

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



194.3560, 20.0375, -33.6382



202.7830, 25.7430, -43.6597



171.4630, 31.3237, -13.5611



111.3630, 2.7790, -4.7034



88.1390, 45.7805, -77.2979



26.1140, 13.7478, -22.9020

Inverse Universe

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



185.3210, 10.1947, 43.5685



190.9080, 13.3564, 56.2087



219.5370, -31.3237, 13.5611



110.0870, 1.4361, 6.0627



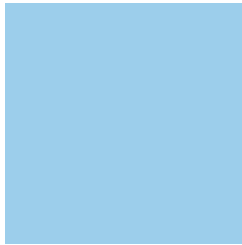
67.2290, 23.5511, 99.7772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 194.3560, 20.0375, -33.6382 looks on a white background.

Color Contrast Check

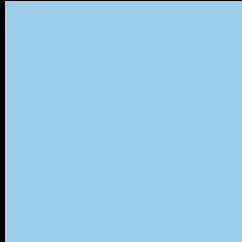
Large Text (above 18pt) WCAG AA × Fail

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 194.3560, 20.0375, -33.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

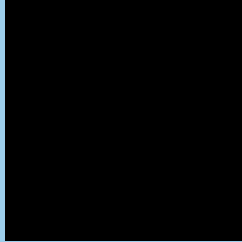
Any Text WCAG AA ✓ Pass

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 194.3560, 20.0375, -33.6382 Background



This preview shows how black text looks on a background with the YUV color 194.3560, 20.0375, -33.6382.



This preview shows how white text looks on a background with the YUV color 194.3560, 20.0375, -33.6382.

-33.6382.

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

194.3560, 20.0375, -33.6382

Protanopia

199.4520, 14.5672, -5.6584

Deuteranopia

200.5110, 18.4821, -1.3251



Tritanopia

193.3790, 15.0962, -35.4124

Trichromacy



Original Color

194.3560, 20.0375, -33.6382

Protanomaly

197.5540, 16.4889, -15.3949

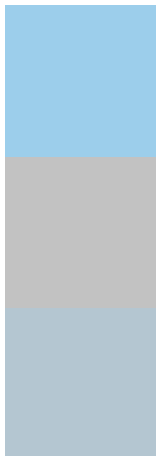
Deuteranomaly

197.9610, 19.2462, -13.1208

Tritanomaly

193.5470, 16.9853, -34.6827

Monochromacy



Original Color

194.3560, 20.0375, -33.6382

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8720, 7.4581, -12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.3560, 20.0375, -33.6382 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(156, 206, 235)` looks like.

```
.text, #text, p{  
    color:rgb(156, 206, 235)  
}
```

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(156, 206, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 206, 235) }
```

Border

The CSS property to change the border of an element to YUV 194.3560, 20.0375, -33.6382 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(156, 206, 235) }
```


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

```
.border{ border-color:rgb(156, 206, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 206, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 206, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 206, 235);  
box-shadow:4px 4px 4px 4px rgb(156, 206,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 194.3560, 20.0375, -33.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 206, 235) }
```

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

```
.background{ background-color: rgb(156,  
206, 235) }
```

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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