

Converting Colors

YUV(191.6980, 24.7989,
-20.7831)

Have a look what the booklet for
YUV(191.6980, 24.7989, -20.7831)
contains.

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Color

**YUV(191.6980, 24.7989,
-20.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C2F2
RGB	168, 194, 242
RGB Percent	66%, 76%, 95%
CMY	0.3412, 0.2392, 0.0510
CMYK	0.31, 0.20, 0.00, 0.05
HSL	219°, 74%, 80%
HSV	219°, 31%, 95%
XYZ	51.4672, 53.3192, 91.5834
YIQ	191.6980, -30.9040, 9.4160

Conversions

Conversions Part 2

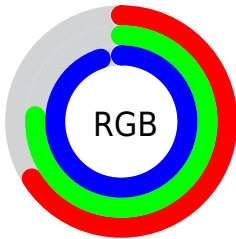
Format	Color
R _Y B	168, 187, 242
Decimal	11059954
CIE Lab	78.06, 2.09, -26.61
CIE LCh	78, 26.696, 274.497
Yxy	53.3192, 0.2621, 0.2715
Android (android.graphics.Color)	4289250034 (0xFFA8C2F2)
YUV	191.6980, 24.7989, -20.7831
Hunter-Lab	73.0200, -1.9715, -23.2489

Details

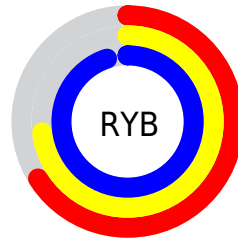
The YUV color **191.6980, 24.7989, -20.7831** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **218.3020, -24.7989, 20.7831**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7960, 6.0166, -16.4841**, and **138.0570, 23.6359, -21.0980** is the 20% darker color. If you saturate the color by 10%, you get **175.1300, 32.9669, -27.3010**, and if you desaturate by 10%, it is **208.2660, 16.6309, -14.2653**.

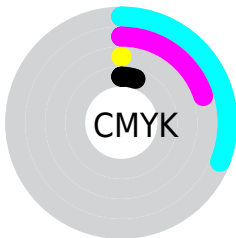
Distribution



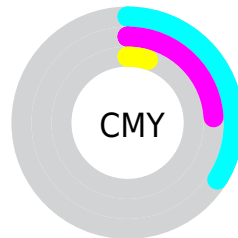
- Red (66%)
- Green (76%)
- Blue (95%)



- Red (66%)
- Yellow (73%)
- Blue (95%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (34%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6980, 24.7989, -20.7831 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 191.6980, 24.7989, -20.7831 by changing the saturation by 10% instead.

■ 191.6980, 24.7989,
-20.7831

■ 191.6980, 24.7989,
-20.7831

■ 255.0000, 0.0000,
0.0000

■ 164.5840, 24.3621,
-20.6832

■ 242.7960, 6.0166,
-16.4841

■ 138.0570, 23.6359,
-21.0980

■ 254.7010, 0.1474,
-0.6148

■ 111.9430, 23.1991,
-20.9980

■ 87.0030, 22.1835,
-21.9276

■ 61.9920, 22.1889,
-23.6720

■ 36.1760, 23.0842,
-30.8494

■ 21.4010, 18.5363,

-18.7687

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 191.6980, 24.7989,
-20.7831

■ 191.6980, 24.7989,
-20.7831

■ 175.1300, 32.9669,
-27.3010

■ 208.2660, 16.6309,
-14.2653

■ 159.1490, 40.8455,
-34.3337

■ 224.2470, 8.7522,
-7.2326

■ 142.2820, 49.1610,
-41.4663

■ 241.1140, 0.4368,
-0.1000

■ 125.7140, 57.3290,
-47.9842

■ 253.5180, -5.6784,
1.2997

■ 109.7330, 65.2076,
-55.0168

■ 93.1650, 73.3757,
-61.5347

■ 77.4830, 81.1069,
-67.9526

Harmonies

Analogous

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



185.9680, 25.1588, -42.9449



191.6980, 24.7989, -20.7831



195.6690, 18.8972, 5.5523

Triad

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



191.6980, 24.7989, -20.7831



195.7680, -14.6756, 40.5455



185.2770, -7.0386, -29.1839

Complementary

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



191.6980, 24.7989, -20.7831



218.3020, -24.7989, 20.7831

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.



188.5480, -18.0182, -7.4966



191.6980, 24.7989, -20.7831



193.7640, -22.0687, 31.7790

Square

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



191.6980, 24.7989, -20.7831



196.7430, -3.3243, 39.6904



191.8990, -23.6142, 14.1206



182.4240, 6.6930, -46.8528

Rectangle

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



191.6980, 24.7989, -20.7831



197.0470, 12.3018, 21.0068



191.8990, -23.6142, 14.1206



186.5830, -11.1334, -22.4363

Sweetspot

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



191.6980, 24.7989, -20.7831



239.3180, 7.7312, -6.4179



216.7960, -0.8854, -42.7941



117.6450, 5.1050, -4.0737



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.



191.6980, 24.7989, -20.7831



191.0870, 31.5091, -26.3863



179.4260, 30.8490, -1.2506



111.7160, 4.0840, -3.2589



59.1310, 61.5604, -51.8579



18.1240, 18.6729, -15.8947

Inverse Universe

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



193.0900, 0.4486, 42.8941



192.8680, 0.5581, 54.4898



230.5740, -30.8490, 1.2506



112.0440, -0.0217, 6.9774



62.4260, 1.2690, 106.6204



19.0240, 0.4812, 32.4280

Previews

White Background



This preview shows how the YUV color 191.6980, 24.7989, -20.7831 looks on a white background.

Color Contrast Check

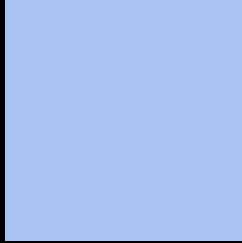
Large Text (above 18pt) WCAG AA × Fail

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 191.6980, 24.7989, -20.7831 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

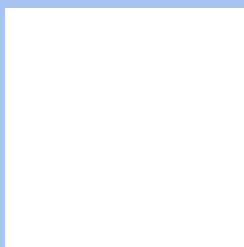
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.6980, 24.7989, -20.7831

Background



This preview shows how black text looks on a background with the YUV color 191.6980, 24.7989, -20.7831.



This preview shows how white text looks on a background with the YUV color 191.6980, 24.7989, -20.7831.

-20.7831.

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

191.6980, 24.7989, -20.7831

Protanopia

193.5960, 22.8772, -11.0467

Deuteranopia

193.9600, 24.1767, -7.8579



Tritanopia

189.7610, 12.4428, -24.3464

Trichromacy



Original Color

191.6980, 24.7989, -20.7831

Protanomaly

192.8020, 23.7616, -14.7354

Deuteranomaly

193.3400, 24.4824, -12.5762

Tritanomaly

190.3250, 17.0948, -23.0870

Monochromacy



Original Color

191.6980, 24.7989, -20.7831

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6980, 24.7989, -20.7831 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(168, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(168, 194, 242)  
}
```

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(168, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 194, 242) }
```

Border

The CSS property to change the border of an element to YUV 191.6980, 24.7989, -20.7831 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(168, 194, 242) }
```


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

```
.border{ border-color:rgb(168, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(168, 194,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 191.6980, 24.7989, -20.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 194, 242) }
```

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

```
.background{ background-color: rgb(168,  
194, 242) }
```

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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