

Converting Colors

YUV(164.5980, 33.2292,
-18.0644)

Have a look what the booklet for
YUV(164.5980, 33.2292, -18.0644)
contains.

YUV(164.5980, 33.2292, -18.0644)	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(164.5980, 33.2292,
-18.0644)**

Conversions

Conversions Part 1

Format	Color
Hex	90A2E8
RGB	144, 162, 232
RGB Percent	56%, 64%, 91%
CMY	0.4353, 0.3647, 0.0902
CMYK	0.38, 0.30, 0.00, 0.09
HSL	228°, 66%, 74%
HSV	228°, 38%, 91%
XYZ	38.9874, 37.5961, 81.5459
YIQ	164.5980, -33.1980, 17.9540

Conversions

Conversions Part 2

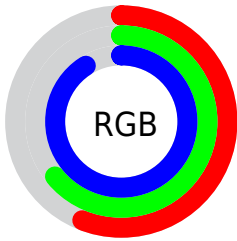
Format	Color
RYB	144, 159, 232
Decimal	9478888
CIELab	67.72, 10.64, -37.28
CIElCh	68, 38.765, 285.923
Yxy	37.5961, 0.2466, 0.2378
Android (android.graphics.Color)	4287668968 (0xFF90A2E8)
YUV	164.5980, 33.2292, -18.0644
Hunter-Lab	61.3157, 6.1963, -35.9308

Details

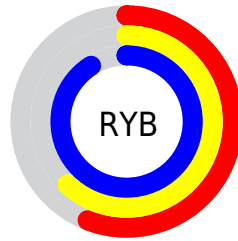
The YUV color **164.5980, 33.2292, -18.0644** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **211.4020, -33.2292, 18.0644**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2490, 19.1042, -14.2504**, and **112.1310, 31.4874, -19.4089** is the 20% darker color. If you saturate the color by 10%, you get **147.1550, 41.8286, -22.9379**, and if you desaturate by 10%, it is **182.0410, 24.6298, -13.1910**.

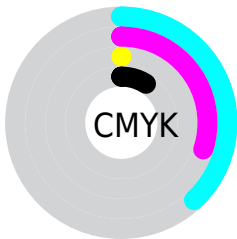
Distribution



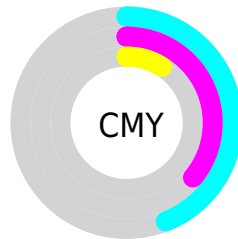
- Red (56%)
- Green (64%)
- Blue (91%)



- Red (56%)
- Yellow (62%)
- Blue (91%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5980, 33.2292, -18.0644 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 164.5980, 33.2292, -18.0644 by changing the saturation by 10% instead.

■ 164.5980, 33.2292,
-18.0644

■ 164.5980, 33.2292,
-18.0644

255.0000, 0.0000,
0.0000

■ 138.0710, 32.5030,
-18.4793

■ 216.2490, 19.1042,
-14.2504

■ 112.1310, 31.4874,
-19.4089

■ 241.3560, 6.7265,
-10.8362

■ 86.0060, 31.0560,
-21.0533

■ 60.8700, 30.6301,
-24.4420

■ 35.8260, 30.6518,
-31.4194

■ 21.3500, 25.9565,
-18.7240

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 164.5980, 33.2292,
-18.0644

■ 164.5980, 33.2292,
-18.0644

■ 147.1550, 41.8286,
-22.9379

■ 182.0410, 24.6298,
-13.1910

■ 129.1250, 50.7174,
-27.2966

■ 200.0710, 15.7410,
-8.8323

■ 111.3830, 59.4642,
-32.7849

■ 217.8130, 6.9942,
-3.3440

■ 93.3530, 68.3530,
-37.1436

■ 235.8430, -1.8946,
1.0147

■ 75.9100, 76.9524,
-42.0171

■ 251.7910, -9.7570,
2.8143

■ 57.8800, 85.8412,
-46.3758

■ 252.3780,
-10.0464, 2.2995

■ 54.0370, 87.7358,
-47.3904

Harmonies

Analogous

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



152.2180, 39.3325, -62.4582



164.5980, 33.2292, -18.0644



169.2670, 22.0534, 19.9368

Triad

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



164.5980, 33.2292, -18.0644



165.6140, -24.4597, 52.0815



148.7080, -0.8420, -56.7489

Complementary

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



164.5980, 33.2292, -18.0644



211.4020, -33.2292, 18.0644

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.



155.8790, -20.1533, -22.6959



164.5980, 33.2292, -18.0644



163.6150, -32.8412, 33.6636

Square

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



164.5980, 33.2292, -18.0644



167.5450, -9.6357, 57.4040



160.6780, -31.8863, 7.2984



133.0560, 24.6224, -104.4121

Rectangle

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



164.5980, 33.2292, -18.0644



169.7550, 11.9528, 39.6799



160.6780, -31.8863, 7.2984



151.5370, -8.1527, -45.1979

Sweetspot

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



164.5980, 33.2292, -18.0644



233.7140, 10.4940, -5.8882



203.5220, 4.6727, -52.2008



114.6990, 6.5574, -3.2440



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.



164.5980, 33.2292, -18.0644



165.4260, 44.1600, -24.0526



161.5070, 34.7530, 6.5714



106.1290, 4.3734, -2.7441



42.1250, 67.4794, -36.9436



11.6840, 19.3828, -10.2469

Inverse Universe

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



172.3640, -5.1095, 52.3008



175.7190, -6.7635, 69.5294



214.4930, -34.7530, -6.5714



106.9300, -0.4585, 7.0774



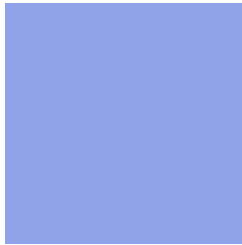
57.7390, -10.2243, 106.3459



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 164.5980, 33.2292, -18.0644 looks on a white background.

Color Contrast Check

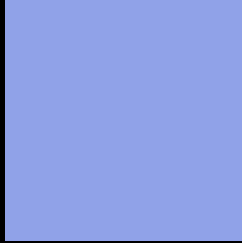
Large Text (above 18pt) WCAG AA × Fail

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 164.5980, 33.2292, -18.0644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

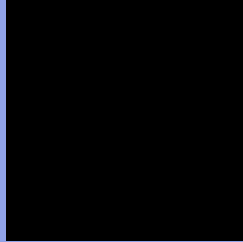
Any Text WCAG AA ✓ Pass

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 164.5980, 33.2292, -18.0644 Background



This preview shows how black text looks on a background with the YUV color 164.5980, 33.2292, -18.0644.



This preview shows how white text looks on a background with the YUV color 164.5980, 33.2292, -18.0644.

-18.0644.

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

164.5980, 33.2292, -18.0644

Protanopia

164.2990, 33.3766, -18.6792

Deuteranopia

164.2880, 33.3820, -20.4236



Tritanopia

161.2340, 11.7166, -24.7612

Trichromacy



Original Color

164.5980, 33.2292, -18.0644

Protanomaly

164.2990, 33.3766, -18.6792

Deuteranomaly

164.5870, 33.2346, -19.8088

Tritanomaly

162.6070, 19.4207, -22.4573

Monochromacy



Original Color

164.5980, 33.2292, -18.0644

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7570, 11.9518, -6.8029

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5980, 33.2292, -18.0644 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(144, 162, 232)` looks like.

```
.text, #text, p{  
    color:rgb(144, 162, 232)  
}
```

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(144, 162, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 232) }
```

Border

The CSS property to change the border of an element to YUV 164.5980, 33.2292, -18.0644 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(144, 162, 232) }
```


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

```
.border{ border-color:rgb(144, 162, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 162, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 232);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 164.5980, 33.2292, -18.0644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 232) }
```

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

```
.background{ background-color: rgb(144,  
162, 232) }
```

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