

Converting Colors

YUV(164.6980, -32.3891,
-18.1521)

Have a look what the booklet for
YUV(164.6980, -32.3891, -18.1521)
contains.

YUV(164.6980, -32.3891, -18.1521)	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(164.6980, -32.3891,
-18.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	90BC63
RGB	144, 188, 99
RGB Percent	56%, 74%, 39%
CMY	0.4353, 0.2627, 0.6118
CMYK	0.23, 0.00, 0.47, 0.26
HSL	90°, 40%, 56%
HSV	90°, 47%, 74%
XYZ	31.7370, 42.7966, 18.3922
YIQ	164.6980, 2.3450, -37.0070

Conversions

Conversions Part 2

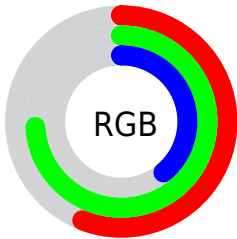
Format	Color
R _Y B	99, 188, 143
Decimal	9485411
CIE Lab	71.42, -29.92, 40.16
CIE LCh	71, 50.079, 126.683
Yxy	42.7966, 0.3415, 0.4605
Android (android.graphics.Color)	4287675491 (0xFF90BC63)
YUV	164.6980, -32.3891, -18.1521
Hunter-Lab	65.4191, -27.8872, 29.1243

Details

The YUV color **164.6980, -32.3891, -18.1521** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **122.3020, 32.3891, 18.1521**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9430, -33.9889, -18.3670**, and **111.4530, -30.7893, -17.9373** is the 20% darker color. If you saturate the color by 10%, you get **159.8410, -39.3616, -21.7856**, and if you desaturate by 10%, it is **169.5550, -25.4166, -14.5187**.

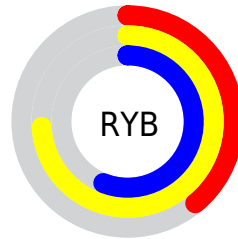
Distribution



Red (56%)

Green (74%)

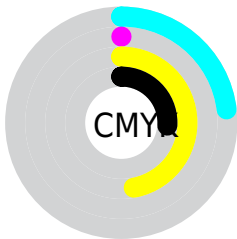
Blue (39%)



Red (39%)

Yellow (74%)

Blue (56%)

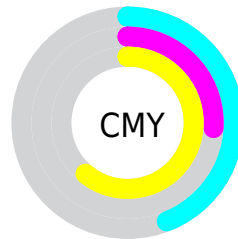


Cyan (23%)

Magenta (0%)

Yellow (47%)

Black (26%)



Cyan (44%)

Magenta (26%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6980, -32.3891, -18.1521 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 164.6980, -32.3891, -18.1521 by changing the saturation by 10% instead.

■ 164.6980,
-32.3891, -18.1521

■ 164.6980,
-32.3891, -18.1521

255.0000, 0.0000,
0.0000

■ 137.9260,
-31.5155, -18.3521

■ 219.9430,
-33.9889, -18.3670

■ 111.4530,
-30.7893, -17.9373

■ 238.2630,
-29.2167, -9.0007

■ 86.1540, -30.6419,
-18.5521

■ 249.5280,
-20.9663, 4.7989

■ 61.2680, -30.2051,
-18.6520

■ 252.7200, -8.7360,
1.9996

■ 39.9930, -19.7165,
-22.7959

■ 22.8930, -11.2862,
-20.0772

■ 5.8700, -2.8939,

-5.1480

■ 0.0000, 0.0000,
0.0000

■ 164.6980,
-32.3891, -18.1521

■ 164.6980,
-32.3891, -18.1521

■ 159.8410,
-39.3616, -21.7856

■ 169.5550,
-25.4166, -14.5187

■ 154.6850,
-46.1867, -26.0337

■ 174.7110,
-18.5915, -10.2705

■ 149.9420,
-52.7224, -29.7671

■ 179.4540,
-12.0558, -6.5372

■ 145.0850,
-59.6949, -33.4005

■ 184.3110, -5.0833,
-2.9037

■ 140.2280,
-66.6674, -37.0340

■ 189.1680, 1.8892,
0.7297

■ 138.7610,
-68.4092, -38.3784

■ 194.3240, 8.7143,
4.9779

■ 199.1810, 15.6868,
8.6113

■ 203.9240, 22.2225,
12.3447

■ 207.5980, 23.3692,
17.8926

Harmonies

Analogous

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



170.2530, -44.0017, 19.9491



164.6980, -32.3891, -18.1521



154.3020, -8.5299, -64.2859

Triad

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



164.6980, -32.3891, -18.1521



140.0130, 56.6886, -122.7914



175.5880, -4.7269, 69.6443

Complementary

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



164.6980, -32.3891, -18.1521



122.3020, 32.3891, 18.1521

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.



179.8690, 15.8406, 52.7349



164.6980, -32.3891, -18.1521



167.0660, 43.3515, -44.7849

Square

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



164.6980, -32.3891, -18.1521



141.0440, 42.8693, -123.6956



179.0130, 34.0106, 11.3896



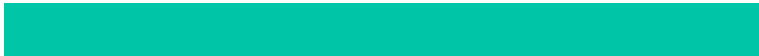
174.7950, -25.5349, 70.3398

Rectangle

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



164.6980, -32.3891, -18.1521



135.3780, 16.0826, -118.7265



179.0130, 34.0106, 11.3896



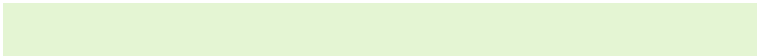
177.4120, 2.2619, 68.0447

Sweetspot

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



164.6980, -32.3891, -18.1521



236.0410, -12.3452, -7.0520



150.8520, -25.5630, 32.5788



116.7300, -7.2619, -4.1482



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



164.6980, -32.3891, -18.1521



208.4090, -50.9806, -28.4227



151.5420, -25.9032, -45.2023



91.7780, -3.3416, -1.5593



116.6660, -57.5163, -32.1561



22.6820, -11.1822, -6.7371

Inverse Universe

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



122.3020, 32.3891, 18.1521



141.5910, 50.9806, 28.4227



135.4580, 25.9032, 45.2023



87.5210, 3.1941, 2.1741



41.3340, 57.5163, 32.1561



8.0190, 11.3296, 6.1223

Previews

White Background



This preview shows how the YUV color 164.6980, -32.3891, -18.1521 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 164.6980, -32.3891, -18.1521 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 164.6980, -32.3891, -18.1521 Background



This preview shows how black text looks on a background with the YUV color 164.6980, -32.3891, -18.1521.



This preview shows how white text looks on a background with the YUV color 164.6980, -32.3891, -18.1521.

-18.1521.

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

164.6980, -32.3891, -18.1521

Protanopia

170.2620, -37.5972, 19.0642

Deuteranopia

172.6860, -33.8622, 34.4784



Tritanopia

173.3170, 9.2107, -14.3100

Trichromacy



Original Color

164.6980, -32.3891, -18.1521

Protanomaly

168.3420, -35.6646, 5.8391

Deuteranomaly

169.6790, -33.3657, 15.1905

Tritanomaly

170.2940, -6.0609, -16.0438

Monochromacy



Original Color

164.6980, -32.3891, -18.1521

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.5680, -11.6190, -6.6371

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6980, -32.3891, -18.1521 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, 188, 99)` looks like.

```
.text, #text, p{  
    color:rgb(144, 188, 99)  
}
```

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, 188, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 188, 99) }
```

Border

The CSS property to change the border of an element to YUV 164.6980, -32.3891, -18.1521 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, 188, 99) }
```


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

```
.border{ border-color:rgb(144, 188, 99) }
```

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

Here you see how a box with a 4 pixel rgb(144, 188, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 188, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 188, 99);  
box-shadow:4px 4px 4px 4px rgb(144, 188,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 164.6980, -32.3891, -18.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 188, 99) }
```

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

```
.background{ background-color: rgb(144,  
188, 99) }
```

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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