

Converting Colors

YUV(164.6130, -20.0222,
-18.0776)

Have a look what the booklet for
YUV(164.6130, -20.0222, -18.0776)
contains.

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Color

**YUV(164.6130, -20.0222,
-18.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	90B77C
RGB	144, 183, 124
RGB Percent	56%, 72%, 49%
CMY	0.4353, 0.2824, 0.5137
CMYK	0.21, 0.00, 0.32, 0.28
HSL	100°, 29%, 60%
HSV	100°, 32%, 72%
XYZ	32.0732, 41.2515, 25.3407
YIQ	164.6130, -4.3050, -26.6170

Conversions

Conversions Part 2

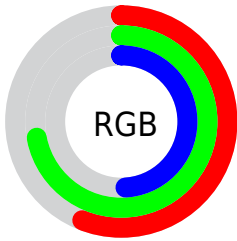
Format	Color
RYB	124, 183, 163
Decimal	9484156
CIELab	70.35, -24.11, 25.86
CIELCh	70, 35.353, 132.989
Yxy	41.2515, 0.3251, 0.4181
Android (android.graphics.Color)	4287674236 (0xFF90B77C)
YUV	164.6130, -20.0222, -18.0776
Hunter-Lab	64.2273, -23.2604, 21.5665

Details

The YUV color **164.6130, -20.0222, -18.0776** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **142.3870, 20.0222, 18.0776**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9720, -21.1852, -18.3924**, and **112.2540, -18.8592, -17.7628** is the 20% darker color. If you saturate the color by 10%, you get **158.9730, -26.1157, -23.6553**, and if you desaturate by 10%, it is **170.2530, -13.9287, -12.4999**.

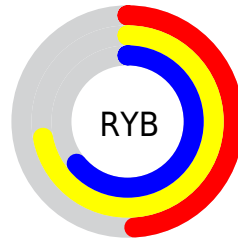
Distribution



Red (56%)

Green (72%)

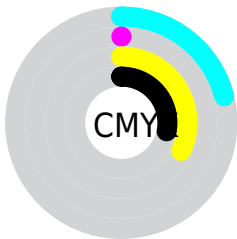
Blue (49%)



Red (49%)

Yellow (72%)

Blue (64%)

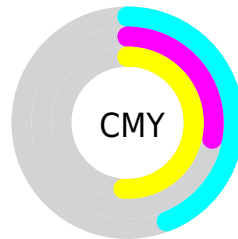


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (44%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6130, -20.0222, -18.0776 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 164.6130, -20.0222, -18.0776 by changing the saturation by 10% instead.

■ 164.6130,
-20.0222, -18.0776

■ 164.6130,
-20.0222, -18.0776

255.0000, 0.0000,
0.0000

■ 138.1400,
-19.2960, -17.6628

■ 219.9720,
-21.1852, -18.3924

■ 112.2540,
-18.8592, -17.7628

■ 240.9280,
-17.7125, -12.2149

■ 87.7810, -18.1330,
-17.3479

■ 252.4920, -9.6096,
2.1995

■ 63.4220, -16.9700,
-17.0331

■ 40.0090, -17.2594,
-17.5479

■ 20.5450, -10.1287,
-18.0180

■ 1.1740, -0.5788,

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 164.6130,
-20.0222, -18.0776

■ 164.6130,
-20.0222, -18.0776

■ 158.9730,
-26.1157, -23.6553

■ 170.2530,
-13.9287, -12.4999

■ 153.2190,
-32.6460, -29.1331

■ 176.0070, -7.3985,
-7.0221

■ 147.5790,
-38.7394, -34.7108

■ 181.6470, -1.3050,
-1.4444

■ 141.9390,
-44.8329, -40.2885

■ 187.2870, 4.7885,
4.1333

■ 136.2990,
-50.9264, -45.8662

■ 193.0410, 11.3188,
9.6110

■ 130.2460,
-57.3093, -51.9587

■ 198.9800, 17.2649,
15.8035

■ 125.9590,
-62.0978, -56.0920

■ 204.6200, 23.3583,
21.3813

■ 208.5500, 22.8999,
28.4587

■ 212.1380, 21.1310,
35.8360

Harmonies

Analogous

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



168.9710, -29.5657, 9.6724



164.6130, -20.0222, -18.0776



159.0790, -3.4899, -47.4273

Triad

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



164.6130, -20.0222, -18.0776



161.2250, 35.3851, -56.3253



175.2670, -8.0196, 52.3858

Complementary

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



164.6130, -20.0222, -18.0776



142.3870, 20.0222, 18.0776

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.



176.6150, 7.5848, 40.6796



164.6130, -20.0222, -18.0776



171.0170, 31.0506, -19.3089

Square

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



164.6130, -20.0222, -18.0776



150.7240, 31.6881, -83.9499



176.3050, 21.0486, 15.5185



173.4010, -21.3967, 49.6373

Rectangle

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



164.6130, -20.0222, -18.0776



154.1010, 9.8102, -66.7406



176.3050, 21.0486, 15.5185



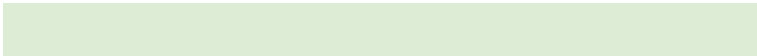
175.3360, -2.6306, 50.5713

Sweetspot

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



164.6130, -20.0222, -18.0776



229.4800, -8.1246, -7.4370



163.9470, -19.6939, 16.7095



115.3000, -5.0779, -4.6481



247.0000, 0.0000, 0.0000



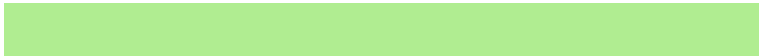
120.0000, 0.0000, 0.0000

Same Dimension

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



164.6130, -20.0222, -18.0776



208.2730, -31.1936, -28.3034



159.6590, -13.1429, -31.2729



89.1800, -3.0467, -2.7889



107.4190, -52.9576, -47.7255



19.4260, -9.5770, -8.2666

Inverse Universe

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



142.3870, 20.0222, 18.0776



173.7270, 31.1936, 28.3034



147.3410, 13.1429, 31.2729



85.8200, 3.0467, 2.7889



48.5810, 52.9576, 47.7255



8.8730, 9.4296, 8.8814

Previews

White Background



This preview shows how the YUV color 164.6130, -20.0222, -18.0776 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 164.6130, -20.0222, -18.0776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

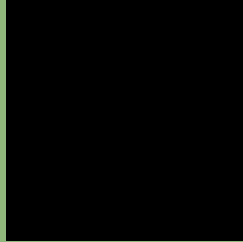
Any Text WCAG AA ✓ Pass

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 164.6130, -20.0222, -18.0776 Background



This preview shows how black text looks on a background with the YUV color 164.6130, -20.0222, -18.0776.



This preview shows how white text looks on a background with the YUV color 164.6130, -20.0222, -18.0776.

-18.0776.

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

164.6130, -20.0222, -18.0776

Protanopia

169.2580, -24.7772, 13.8057

Deuteranopia

171.2580, -21.3262, 26.9607



Tritanopia

170.3170, 9.2107, -14.3100

Trichromacy



Original Color

164.6130, -20.0222, -18.0776

Protanomaly

167.3490, -22.8501, 2.3249

Deuteranomaly

168.9740, -20.6932, 10.5468

Tritanomaly

168.1460, -1.5510, -15.9140

Monochromacy



Original Color

164.6130, -20.0222, -18.0776

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6130, -20.0222, -18.0776 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, 183, 124)` looks like.

```
.text, #text, p{  
    color:rgb(144, 183, 124)  
}
```

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, 183, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 183, 124) }
```

Border

The CSS property to change the border of an element to YUV 164.6130, -20.0222, -18.0776 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, 183, 124) }
```


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

```
.border{ border-color:rgb(144, 183, 124) }
```

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

Here you see how a box with a 4 pixel rgb(144, 183, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 183, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 183, 124);  
box-shadow:4px 4px 4px 4px rgb(144, 183,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 164.6130, -20.0222, -18.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 183, 124) }
```

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

```
.background{ background-color: rgb(144,  
183, 124) }
```

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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