

Converting Colors

YUV(188.2040, 24.0564,
-15.9649)

Have a look what the booklet for
YUV(188.2040, 24.0564, -15.9649)
contains.

YUV(188.2040, 24.0564, -15.9649)	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(188.2040, 24.0564,
-15.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	AABCED
RGB	170, 188, 237
RGB Percent	67%, 74%, 93%
CMY	0.3333, 0.2627, 0.0706
CMYK	0.28, 0.21, 0.00, 0.07
HSL	224°, 65%, 80%
HSV	224°, 28%, 93%
XYZ	49.8468, 50.6269, 87.2655
YIQ	188.2040, -26.4570, 11.4230

Conversions

Conversions Part 2

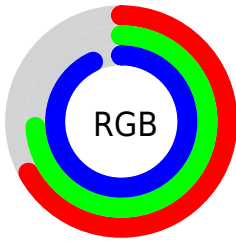
Format	Color
RYB	170, 184, 237
Decimal	11189485
CIELab	76.45, 4.71, -26.38
CIELCh	76, 26.793, 280.131
Yxy	50.6269, 0.2655, 0.2697
Android (android.graphics.Color)	4289379565 (0xFFAABCEd)
YUV	188.2040, 24.0564, -15.9649
Hunter-Lab	71.1526, 0.5334, -22.9098

Details

The YUV color **188.2040, 24.0564, -15.9649** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218.7960, -24.0564, 15.9649**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8720, 7.4581, -12.1657**, and **134.5630, 22.8934, -16.2798** is the 20% darker color. If you saturate the color by 10%, you get **171.0490, 32.5138, -21.9680**, and if you desaturate by 10%, it is **205.3590, 15.5990, -9.9618**.

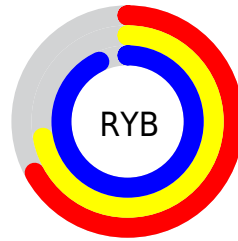
Distribution



Red (67%)

Green (74%)

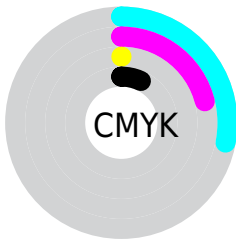
Blue (93%)



Red (67%)

Yellow (72%)

Blue (93%)

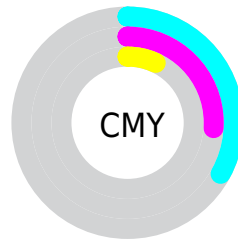


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2040, 24.0564, -15.9649 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 188.2040, 24.0564, -15.9649 by changing the saturation by 10% instead.

■ 188.2040, 24.0564,
-15.9649

■ 188.2040, 24.0564,
-15.9649

255.0000, 0.0000,
0.0000

■ 161.0900, 23.6196,
-15.8649

■ 239.8720, 7.4581,
-12.1657

■ 134.5630, 22.8934,
-16.2798

■ 109.0360, 22.1673,
-16.6946

■ 83.9220, 21.7305,
-16.5946

■ 59.7970, 21.2991,
-18.2390

■ 35.9490, 20.7311,
-22.7573

■ 18.5970, 17.9467,

-16.3096

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 188.2040, 24.0564,
-15.9649

■ 188.2040, 24.0564,
-15.9649

■ 171.0490, 32.5138,
-21.9680

■ 205.3590, 15.5990,
-9.9618

■ 153.6060, 41.1132,
-26.8415

■ 222.8020, 6.9996,
-5.0884

■ 136.4510, 49.5707,
-32.8445

■ 239.9570, -1.4578,
0.9147

■ 119.2960, 58.0281,
-38.8476

■ 252.9480, -7.8624,
1.7996

■ 101.5540, 66.7749,
-44.3359

■ 84.6980, 75.0849,
-49.7241

■ 67.5430, 83.5423,
-55.7272

■ 64.5860, 85.0001,
-56.6419

Harmonies

Analogous

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



182.6910, 25.2953, -40.0710



188.2040, 24.0564, -15.9649



191.6480, 17.4285, 9.9557

Triad

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



188.2040, 24.0564, -15.9649



190.7140, -16.1280, 39.7158



180.2380, -4.5543, -32.6577

Complementary

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



188.2040, 24.0564, -15.9649



218.7960, -24.0564, 15.9649

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.



183.8680, -16.6969, -11.2852



188.2040, 24.0564, -15.9649



188.6280, -22.4946, 28.3902

Square

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



188.2040, 24.0564, -15.9649



192.4720, -5.6557, 40.8051



186.6920, -23.0192, 9.9171



177.6840, 9.0298, -49.7119

Rectangle

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



188.2040, 24.0564, -15.9649



193.2000, 10.2544, 24.3806



186.6920, -23.0192, 9.9171



181.4300, -9.0860, -25.8101

Sweetspot

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



188.2040, 24.0564, -15.9649



240.2150, 7.2890, -4.5736



214.8010, 1.5771, -39.2905



118.2430, 4.8102, -2.8441



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.



188.2040, 24.0564, -15.9649



192.0060, 31.0560, -21.0533



182.1230, 27.0544, 2.5231



109.0150, 3.9366, -2.6442



49.3970, 64.8803, -43.3212



14.3740, 19.5356, -12.6060

Inverse Universe

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



192.0850, -2.0139, 39.3905



196.7490, -2.3413, 51.0861



224.8770, -27.0544, -2.5231



109.6310, -0.3111, 6.4626



59.7050, -5.2776, 106.3757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 188.2040, 24.0564, -15.9649 looks on a white background.

Color Contrast Check

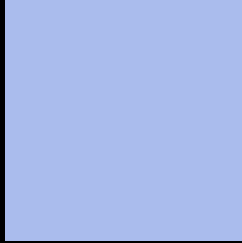
Large Text (above 18pt) WCAG AA × Fail

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 188.2040, 24.0564, -15.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

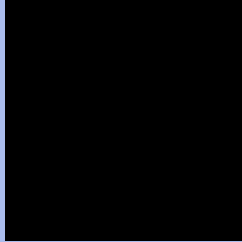
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2040, 24.0564, -15.9649

Background



This preview shows how black text looks on a background with the YUV color 188.2040, 24.0564, -15.9649.



This preview shows how white text looks on a background with the YUV color 188.2040, 24.0564, -15.9649.

-15.9649.

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

188.2040, 24.0564, -15.9649

Protanopia

188.7100, 23.3140, -11.1467

Deuteranopia

189.8460, 23.7399, -7.7579



Tritanopia

186.0390, 10.8268, -19.3282

Trichromacy



Original Color

188.2040, 24.0564, -15.9649

Protanomaly

188.6990, 23.3194, -12.8910

Deuteranomaly

189.2370, 24.0402, -10.7318

Tritanomaly

186.7170, 15.9155, -18.1688

Monochromacy



Original Color

188.2040, 24.0564, -15.9649

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9590, 8.8942, -6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2040, 24.0564, -15.9649 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(170, 188, 237)` looks like.

```
.text, #text, p{  
    color:rgb(170, 188, 237)  
}
```

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(170, 188, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 188, 237) }
```

Border

The CSS property to change the border of an element to YUV 188.2040, 24.0564, -15.9649 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(170, 188, 237) }
```


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

```
.border{ border-color:rgb(170, 188, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 188, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 188, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 188, 237);  
box-shadow:4px 4px 4px 4px rgb(170, 188,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 188.2040, 24.0564, -15.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 188, 237) }
```

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

```
.background{ background-color: rgb(170,  
188, 237) }
```

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