

Converting Colors

YUV(188.3210, 22.5197,
-130.0775)

Have a look what the booklet for
YUV(188.3210, 22.5197, -130.0775)
contains.

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Color

**YUV(188.3210, 22.5197,
-130.0775)**

Conversions

Conversions Part 1

Format	Color
Hex	28FFEA
RGB	40, 255, 234
RGB Percent	16%, 100%, 92%
CMY	0.8431, 0.0000, 0.0824
CMYK	0.84, 0.00, 0.08, 0.00
HSL	174°, 100%, 58%
HSV	174°, 84%, 100%
XYZ	51.4864, 77.9116, 90.1667
YIQ	188.3210, -121.3990, -52.1110

Conversions

Conversions Part 2

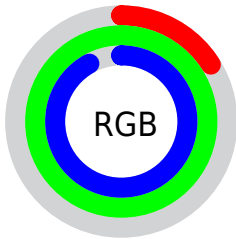
Format	Color
RYB	40, 153, 255
Decimal	2686954
CIELab	90.74, -52.50, -3.78
CIELCh	91, 52.632, 184.118
Yxy	77.9116, 0.2345, 0.3548
Android (android.graphics.Color)	4280877034 (0xFF28FEEA)
YUV	188.3210, 22.5197, -130.0775
Hunter-Lab	88.2676, -50.3494, 1.2216

Details

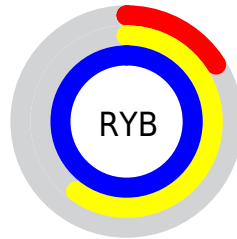
The YUV color **188.3210, 22.5197, -130.0775** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **106.6790, -22.5197, 130.0775**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0270, 18.7207, -78.0767**, and **135.9310, 20.7400, -119.2115** is the 20% darker color. If you saturate the color by 10%, you get **180.6180, 25.3313, -145.2470**, and if you desaturate by 10%, it is **196.3230, 19.5608, -114.2933**.

Distribution



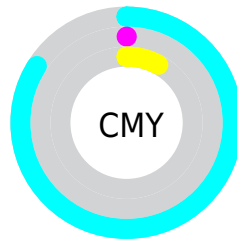
- Red (16%)
- Green (100%)
- Blue (92%)



- Red (16%)
- Yellow (60%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3210, 22.5197, -130.0775 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 188.3210, 22.5197, -130.0775 by changing the saturation by 10% instead.

188.3210, 22.5197,
-130.0775

188.3210, 22.5197,
-130.0775

255.0000, 0.0000,
0.0000

156.1460, 24.5780,
-136.9400

217.0270, 18.7207,
-78.0767

135.9310, 20.7400,
-119.2115

227.1930, 13.7089,
-57.1743

116.5310, 17.4862,
-102.1977

237.0600, 8.8444,
-36.8866

97.7180, 13.9430,
-85.6987

246.9270, 3.9800,
-16.5990

79.6060, 10.5472,
-69.8145

61.6080, 7.5883,
-54.0302

44.3110, 4.7767,

-38.8607

■ 29.0030, 1.9705,
-25.4356

■ 4.8900, 3.5052,
-4.2885

■ 188.3210, 22.5197,
-130.0775

■ 188.3210, 22.5197,
-130.0775

■ 180.6180, 25.3313,
-145.2470

■ 196.3230, 19.5608,
-114.2933

■ 175.9050, 26.6688,
-154.2687

■ 204.1400, 17.1860,
-99.2238

■ 212.1420, 14.2270,
-83.4395

■ 219.9590, 11.8522,
-68.3700

■ 227.9610, 8.8932,
-52.5858

■ 235.7780, 6.5184,
-37.5163

■ 243.7800, 3.5595,
-21.7321

■ 251.5970, 1.1847,
-6.6626

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



209.1620, -12.8979, -63.2861



188.3210, 22.5197, -130.0775



177.5810, 38.1676, -155.7385

Triad

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



188.3210, 22.5197, -130.0775



226.7580, 13.9233, 14.2442



215.2470, -38.0828, 34.8634

Complementary

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



188.3210, 22.5197, -130.0775



106.6790, -22.5197, 130.0775

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.



209.9590, -17.7278, 39.5010



188.3210, 22.5197, -130.0775



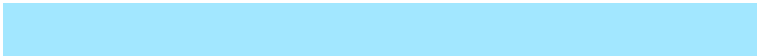
220.3670, 17.0741, 30.3731

Square

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



188.3210, 22.5197, -130.0775



213.1050, 20.6542, -44.8191



212.0230, 5.4117, 37.6908



224.1460, -48.3860, 26.1820

Rectangle

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



188.3210, 22.5197, -130.0775



175.2330, 39.3251, -153.6793



212.0230, 5.4117, 37.6908



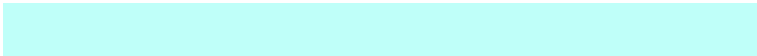
212.8650, -31.9784, 36.9524

Sweetspot

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



188.3210, 22.5197, -130.0775



235.1800, 6.8133, -38.7459



172.7830, -65.4620, -97.1567



115.8830, 4.0017, -23.5764



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.



188.3210, 22.5197, -130.0775



175.9050, 26.6688, -154.2687



140.2330, 56.5801, -87.9043



123.8850, 1.0427, -7.7921



131.8390, 20.2924, -115.6228



44.1800, 6.8133, -38.7459

Inverse Universe

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



106.6790, -22.5197, 130.0775



79.0950, -26.6688, 154.2687



154.7670, -56.5801, 87.9043



119.0010, -1.4795, 7.8921



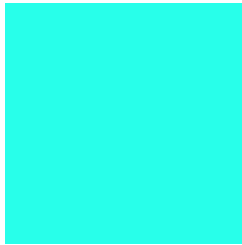
59.2750, -19.8556, 115.5228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 188.3210, 22.5197, -130.0775 looks on a white background.

Color Contrast Check

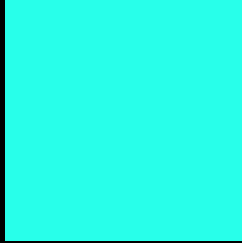
Large Text (above 18pt) WCAG AA × Fail

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 188.3210, 22.5197, -130.0775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

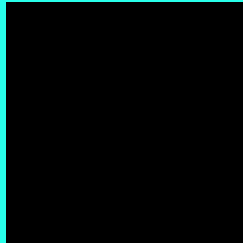
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

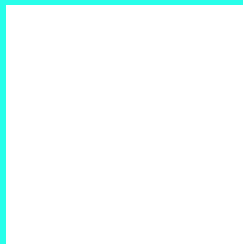
Any Text WCAG AAA ✓ Pass

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

YUV 188.3210, 22.5197, -130.0775 Background



This preview shows how black text looks on a background with the YUV color 188.3210, 22.5197, -130.0775.



This preview shows how white text looks on a background with the YUV color 188.3210, 22.5197, -130.0775.

-130.0775.

Color Blindness Simulation

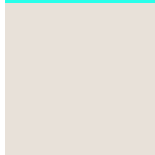
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



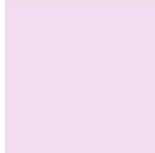
Original Color

188.3210, 22.5197, -130.0775



Protanopia

226.1810, -4.5262, 5.1033



Deuteranopia

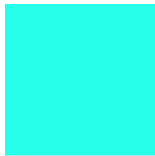
228.7870, 6.5140, 10.7108



Tritanopia

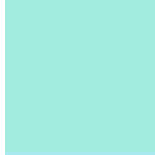
215.9850, 19.2344, -56.1148

Trichromacy



Original Color

188.3210, 22.5197, -130.0775



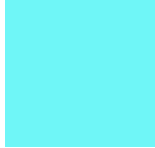
Protanomaly

212.3920, 5.2297, -44.1938



Deuteranomaly

214.2490, 12.2022, -40.5604



Tritanomaly

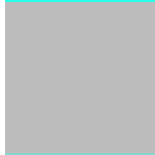
205.7490, 20.3367, -83.0949

Monochromacy



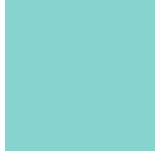
Original Color

188.3210, 22.5197, -130.0775



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.8800, 8.4402, -47.2528

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3210, 22.5197, -130.0775 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(40, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(40, 255, 234)  
}
```

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(40, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 255, 234) }
```

Border

The CSS property to change the border of an element to YUV 188.3210, 22.5197, -130.0775 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(40, 255, 234) }
```


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

```
.border{ border-color:rgb(40, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(40, 255,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 188.3210, 22.5197, -130.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 255, 234) }
```

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

```
.background{ background-color: rgb(40, 255,  
234) }
```

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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