

Converting Colors

YUV(190.2290, 22.0721,
-126.4888)

Have a look what the booklet for
YUV(190.2290, 22.0721, -126.4888)
contains.

YUV(190.2290, 22.0721, -126.4888)	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(190.2290, 22.0721,
-126.4888)**

Conversions

Conversions Part 1

Format	Color
Hex	2EFFEB
RGB	46, 255, 235
RGB Percent	18%, 100%, 92%
CMY	0.8196, 0.0000, 0.0784
CMYK	0.82, 0.00, 0.08, 0.00
HSL	174°, 100%, 59%
HSV	174°, 82%, 100%
XYZ	51.8821, 78.0990, 90.9374
YIQ	190.2290, -118.1440, -50.5280

Conversions

Conversions Part 2

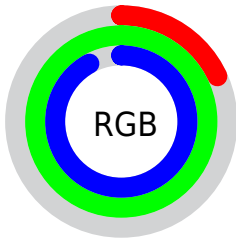
Format	Color
RYB	46, 156, 255
Decimal	3080171
CIELab	90.83, -51.82, -4.17
CIELCh	91, 51.990, 184.595
Yxy	78.0990, 0.2348, 0.3535
Android (android.graphics.Color)	4281270251 (0xFF2EFFEB)
YUV	190.2290, 22.0721, -126.4888
Hunter-Lab	88.3736, -49.8607, 0.8515

Details

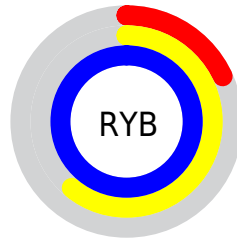
The YUV color **190.2290, 22.0721, -126.4888** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **110.7710, -22.0721, 126.4888**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **136.0450, 21.1768, -119.3115** is the 20% darker color. If you saturate the color by 10%, you get **182.5260, 24.8837, -141.6583**, and if you desaturate by 10%, it is **198.2310, 19.1131, -110.7046**.

Distribution



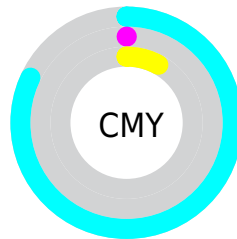
- Red (18%)
- Green (100%)
- Blue (92%)



- Red (18%)
- Yellow (61%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.2290, 22.0721, -126.4888 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 190.2290, 22.0721, -126.4888 by changing the saturation by 10% instead.

190.2290, 22.0721,
-126.4888

190.2290, 22.0721,
-126.4888

255.0000, 0.0000,
0.0000

156.2600, 25.0148,
-137.0400

217.9240, 18.2785,
-76.2323

136.0450, 21.1768,
-119.3115

228.0900, 13.2666,
-55.3299

116.6450, 17.9230,
-102.2977

237.6580, 8.5496,
-35.6571

97.8320, 14.3798,
-85.7987

247.5250, 3.6852,
-15.3694

79.7200, 10.9840,
-69.9144

61.7220, 8.0251,
-54.1302

44.4250, 5.2135,

-38.9607

■ 29.1170, 2.4073,
-25.5356

■ 5.0040, 3.9420,
-4.3885

■ 190.2290, 22.0721,
-126.4888

■ 190.2290, 22.0721,
-126.4888

■ 182.5260, 24.8837,
-141.6583

■ 198.2310, 19.1131,
-110.7046

■ 176.0190, 27.1056,
-154.3687

■ 206.0480, 16.7383,
-95.6351

■ 214.0500, 13.7794,
-79.8508

■ 221.8670, 11.4046,
-64.7814

■ 229.8690, 8.4456,
-48.9971

■ 237.6860, 6.0708,
-33.9276

■ 245.6880, 3.1118,
-18.1434

■ 253.5050, 0.7370,
-3.0739

■ 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.



209.5750, -12.6085, -62.7713



190.2290, 22.0721, -126.4888



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.



190.2290, 22.0721, -126.4888



227.0570, 13.7759, 14.8590



215.9480, -37.9354, 34.2486

Complementary

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



190.2290, 22.0721, -126.4888



110.7710, -22.0721, 126.4888

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.



210.6600, -17.5804, 38.8862



190.2290, 22.0721, -126.4888



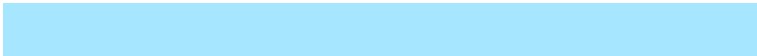
220.3670, 17.0741, 30.3731

Square

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



190.2290, 22.0721, -126.4888



214.3010, 20.0646, -42.3600



212.6100, 5.1223, 37.1760



224.0750, -47.3650, 25.3672

Rectangle

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



190.2290, 22.0721, -126.4888



175.2330, 39.3251, -153.6793



212.6100, 5.1223, 37.1760



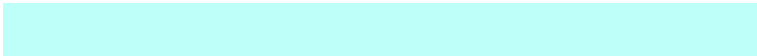
213.5660, -31.8310, 36.3376

Sweetspot

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



190.2290, 22.0721, -126.4888



235.1800, 6.8133, -38.7459



174.9620, -63.5783, -94.6827



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.



190.2290, 22.0721, -126.4888



177.5140, 26.3686, -151.2948



143.2010, 55.1169, -85.2453



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.



110.7710, -22.0721, 126.4888



82.4860, -26.3686, 151.2948



157.7990, -55.1169, 85.2453



119.0010, -1.4795, 7.8921



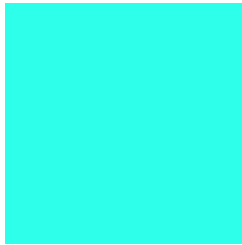
59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 190.2290, 22.0721, -126.4888 looks on a white background.

Color Contrast Check

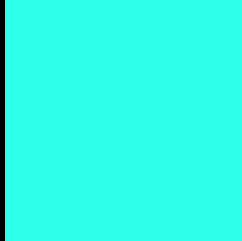
Large Text (above 18pt) WCAG AA × Fail

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 190.2290, 22.0721, -126.4888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

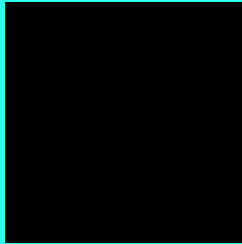
Any Text WCAG AA ✓ Pass

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 190.2290, 22.0721, -126.4888 Background



This preview shows how black text looks on a background with the YUV color 190.2290, 22.0721, -126.4888.



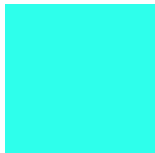
This preview shows how white text looks on a background with the YUV color 190.2290, 22.0721, -126.4888.

-126.4888.

Color Blindness Simulation

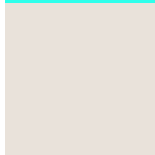
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



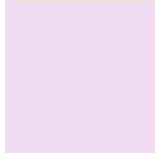
Original Color

190.2290, 22.0721, -126.4888



Protanopia

227.1810, -4.5262, 5.1033



Deuteranopia

228.9010, 6.9508, 10.6108



Tritanopia

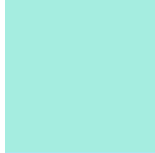
217.1700, 18.6502, -55.4001

Trichromacy



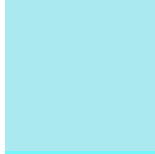
Original Color

190.2290, 22.0721, -126.4888



Protanomaly

213.9900, 4.9349, -42.9642



Deuteranomaly

214.9610, 12.3442, -39.4308



Tritanomaly

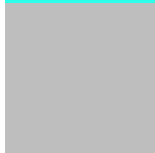
207.6460, 19.8945, -81.2505

Monochromacy



Original Color

190.2290, 22.0721, -126.4888



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.3640, 7.7085, -45.9232

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.2290, 22.0721, -126.4888 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(46, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(46, 255, 235)  
}
```

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(46, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 255, 235) }
```

Border

The CSS property to change the border of an element to YUV 190.2290, 22.0721, -126.4888 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(46, 255, 235) }
```


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

```
.border{ border-color:rgb(46, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(46, 255,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 190.2290, 22.0721, -126.4888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 255, 235) }
```

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

```
.background{ background-color: rgb(46, 255,  
235) }
```

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