

Converting Colors

YUV(189.8280, 20.2978,
-117.3672)

Have a look what the booklet for
YUV(189.8280, 20.2978, -117.3672)
contains.

YUV(189.8280, 20.2978, -117.3672)	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(189.8280, 20.2978,
-117.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	38FAE7
RGB	56, 250, 231
RGB Percent	22%, 98%, 91%
CMY	0.7804, 0.0196, 0.0941
CMYK	0.78, 0.00, 0.08, 0.02
HSL	174°, 95%, 60%
HSV	174°, 78%, 98%
XYZ	50.2403, 74.9815, 87.4262
YIQ	189.8280, -109.5250, -47.0370

Conversions

Conversions Part 2

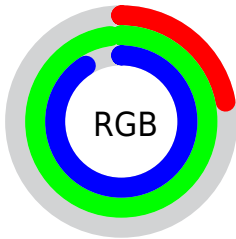
Format	Color
RYB	56, 158, 250
Decimal	3734247
CIELab	89.38, -49.97, -4.19
CIELCh	89, 50.146, 184.797
Yxy	74.9815, 0.2363, 0.3526
Android (android.graphics.Color)	4281924327 (0xFF38FAE7)
YUV	189.8280, 20.2978, -117.3672
Hunter-Lab	86.5919, -47.9706, 0.7530

Details

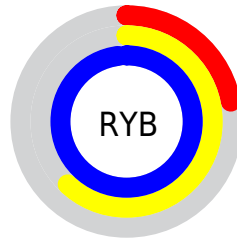
The YUV color **189.8280, 20.2978, -117.3672** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **116.1720, -20.2978, 117.3672**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8210, 17.8362, -74.3880**, and **133.3550, 21.0240, -116.9523** is the 20% darker color. If you saturate the color by 10%, you get **182.1250, 23.1094, -132.5366**, and if you desaturate by 10%, it is **197.5310, 17.4862, -102.1977**.

Distribution



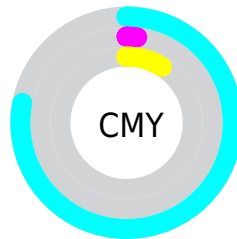
- Red (22%)
- Green (98%)
- Blue (91%)



- Red (22%)
- Yellow (62%)
- Blue (98%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (78%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8280, 20.2978, -117.3672 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 189.8280, 20.2978, -117.3672 by changing the saturation by 10% instead.

189.8280, 20.2978,
-117.3672

189.8280, 20.2978,
-117.3672

255.0000, 0.0000,
0.0000

152.8690, 24.7146,
-134.0661

218.8210, 17.8362,
-74.3880

133.3550, 21.0240,
-116.9523

228.9870, 12.8244,
-53.4856

113.8410, 17.3334,
-99.8386

238.5550, 8.1074,
-33.8127

95.0280, 13.7902,
-83.3396

248.1230, 3.3904,
-14.1399

76.3290, 10.6838,
-66.9405

59.0320, 7.8722,
-51.7711

41.7350, 5.0606,

-36.6016

■ 26.4270, 2.2545,
-23.1765

■ 0.9120, 3.4944,
-0.7998

■ 189.8280, 20.2978,
-117.3672

■ 189.8280, 20.2978,
-117.3672

■ 182.1250, 23.1094,
-132.5366

■ 197.5310, 17.4862,
-102.1977


■ 174.3080, 25.4842,
-147.6061

■ 205.3480, 15.1114,
-87.1282


■ 172.5140, 26.3686,
-151.2948

■ 213.0510, 12.2999,
-71.9587


■ 220.8680, 9.9251,
-56.8892

 228.5710, 7.1135,
-41.7198

 236.3880, 4.7387,
-26.6503

 244.0910, 1.9271,
-11.4808

 251.6090, -0.3002,
2.9739

 251.8370, 0.5734,
2.7740

Harmonies

Analogous

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



206.7000, -12.1771, -61.1269



189.8280, 20.2978, -117.3672



174.6460, 39.6145, -153.1645

Triad

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



189.8280, 20.2978, -117.3672



223.5130, 15.5231, 14.4591



214.1870, -37.0672, 35.7930

Complementary

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



189.8280, 20.2978, -117.3672



116.1720, -20.2978, 117.3672

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.



209.1440, -18.3120, 40.2157



189.8280, 20.2978, -117.3672



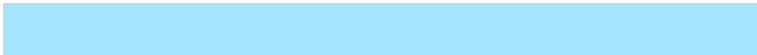
218.6060, 17.9422, 31.9175

Square

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



189.8280, 20.2978, -117.3672



211.6540, 21.3696, -40.9156



210.3930, 4.2433, 39.1203



220.2320, -45.4704, 24.3525

Rectangle

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



189.8280, 20.2978, -117.3672



172.2980, 40.7721, -151.1053



210.3930, 4.2433, 39.1203



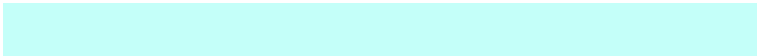
211.6910, -31.3997, 37.9820

Sweetspot

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



189.8280, 20.2978, -117.3672



236.6750, 6.0762, -35.6720



175.5590, -58.9426, -88.1902



116.7800, 3.5595, -21.7321



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.



189.8280, 20.2978, -117.3672



181.5150, 24.8891, -143.4027



146.2080, 51.1695, -79.1124



120.9990, 1.4795, -7.8921



130.3230, 19.5608, -114.2933



42.0770, 6.3710, -36.9015

Inverse Universe

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



116.1720, -20.2978, 117.3672



91.4850, -24.8891, 143.4027



159.7920, -51.1695, 79.1124



116.1150, -1.0427, 7.7921



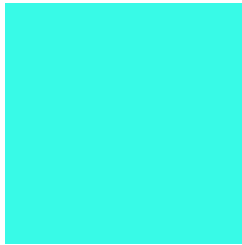
58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 189.8280, 20.2978, -117.3672 looks on a white background.

Color Contrast Check

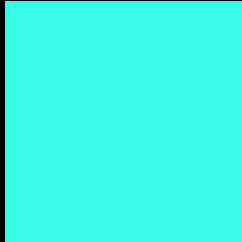
Large Text (above 18pt) WCAG AA × Fail

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 189.8280, 20.2978, -117.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

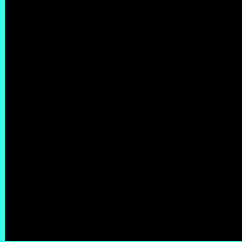
Any Text WCAG AA ✓ Pass

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 189.8280, 20.2978, -117.3672 Background



This preview shows how black text looks on a background with the YUV color 189.8280, 20.2978, -117.3672.

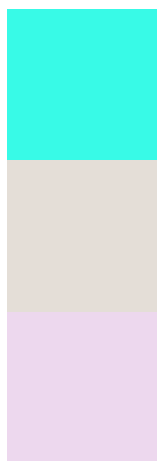


This preview shows how white text looks on a background with the YUV color 189.8280, 20.2978, -117.3672.

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

189.8280, 20.2978, -117.3672

Protanopia

222.9960, -3.9420, 4.3885

Deuteranopia

224.7870, 6.5140, 10.7108



Tritanopia

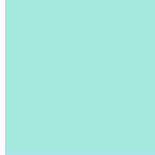
210.3150, 22.0297, -66.0513

Trichromacy



Original Color

189.8280, 20.2978, -117.3672



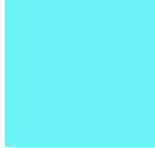
Protanomaly

210.7130, 5.0715, -40.0903



Deuteranomaly

211.7550, 11.4598, -35.7421



Tritanomaly

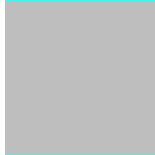
202.9660, 21.2158, -85.0392

Monochromacy



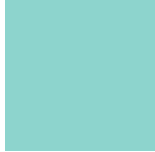
Original Color

189.8280, 20.2978, -117.3672



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.9730, 7.4083, -42.9493

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8280, 20.2978, -117.3672 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(56, 250, 231)` looks like.

```
.text, #text, p{  
    color:rgb(56, 250, 231)  
}
```

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(56, 250, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 250, 231) }
```

Border

The CSS property to change the border of an element to YUV 189.8280, 20.2978, -117.3672 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(56, 250, 231) }
```


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

```
.border{ border-color:rgb(56, 250, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 250, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 250, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 250, 231);  
box-shadow:4px 4px 4px 4px rgb(56, 250,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 189.8280, 20.2978, -117.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 250, 231) }
```

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

```
.background{ background-color: rgb(56, 250,  
231) }
```

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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