

Converting Colors

YUV(188.6160, 21.8813,
-111.9192)

Have a look what the booklet for
YUV(188.6160, 21.8813, -111.9192)
contains.

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Color

**YUV(188.6160, 21.8813,
-111.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	3DF5E9
RGB	61, 245, 233
RGB Percent	24%, 96%, 91%
CMY	0.7608, 0.0392, 0.0863
CMYK	0.75, 0.00, 0.05, 0.04
HSL	176°, 90%, 60%
HSV	176°, 75%, 96%
XYZ	49.2849, 72.1801, 88.4254
YIQ	188.6160, -105.8120, -42.7400

Conversions

Conversions Part 2

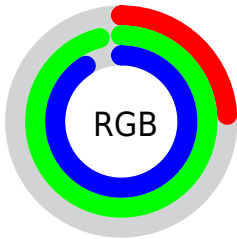
Format	Color
R _{YB}	61, 156, 245
Decimal	4060649
CIE _{Lab}	88.06, -46.82, -7.19
CIE _{LCh}	88, 47.369, 188.731
Y _{xy}	72.1801, 0.2348, 0.3439
Android (android.graphics.Color)	4282250729 (0xFF3DF5E9)
YUV	188.6160, 21.8813, -111.9192
Hunter-Lab	84.9589, -45.1297, -2.2379

Details

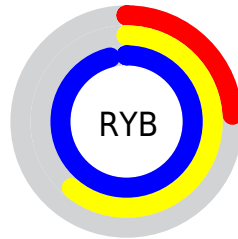
The YUV color **188.6160, 21.8813, -111.9192** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **117.3840, -21.8813, 111.9192**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7180, 17.3940, -72.5437**, and **130.5340, 22.9077, -114.4783** is the 20% darker color. If you saturate the color by 10%, you get **180.9130, 24.6929, -127.0887**, and if you desaturate by 10%, it is **196.3190, 19.0697, -96.7498**.

Distribution



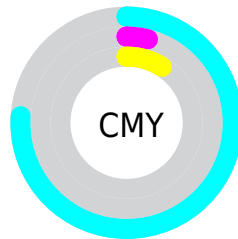
- Red (24%)
- Green (96%)
- Blue (91%)



- Red (24%)
- Yellow (61%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.6160, 21.8813, -111.9192 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 188.6160, 21.8813, -111.9192 by changing the saturation by 10% instead.

188.6160, 21.8813,
-111.9192

188.6160, 21.8813,
-111.9192

255.0000, 0.0000,
0.0000

150.1620, 27.0351,
-131.6921

219.7180, 17.3940,
-72.5437

130.5340, 22.9077,
-114.4783

229.2860, 12.6770,
-52.8708

111.1340, 19.6539,
-97.4645

238.8540, 7.9600,
-33.1980

92.3210, 16.1107,
-80.9655

248.4220, 3.2430,
-13.5251

74.2090, 12.7150,
-65.0813

56.7980, 9.4666,
-49.8118

40.2020, 6.8024,

-35.2572

■ 24.7800, 3.5595,
-21.7321

■ 1.0260, 3.9312,
-0.8998

■ 188.6160, 21.8813,
-111.9192

■ 188.6160, 21.8813,
-111.9192

■ 180.9130, 24.6929,
-127.0887

■ 196.3190, 19.0697,
-96.7498

■ 173.6230, 27.7939,
-141.7434

■ 203.6090, 15.9688,
-82.0951

■ 169.9210, 29.1259,
-149.0207

■ 211.0130, 13.3046,
-67.5404

■ 218.6020, 10.0562,
-52.2710

■ 226.0060, 7.3920,
-37.7163

■ 233.7090, 4.5805,
-22.5468

■ 241.2980, 1.3321,
-7.2773

■ 248.1040, -1.0373,
6.0478

■ 248.2180, -0.6005,
5.9478

Harmonies

Analogous

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



202.8400, -7.8091, -62.1267



188.6160, 21.8813, -111.9192



171.1240, 41.3509, -150.0757

Triad

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



188.6160, 21.8813, -111.9192



221.4750, 16.5278, 18.8774



213.3720, -37.6514, 36.5078

Complementary

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



188.6160, 21.8813, -111.9192



117.3840, -21.8813, 111.9192

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.



207.9870, -20.2066, 41.2304



188.6160, 21.8813, -111.9192



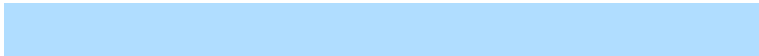
216.8450, 18.8104, 33.4619

Square

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



188.6160, 21.8813, -111.9192



211.4210, 21.4844, -31.0642



208.6660, 0.1647, 40.6349



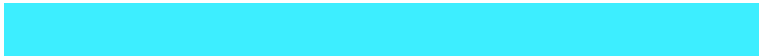
215.9970, -42.3965, 18.4196

Rectangle

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



188.6160, 21.8813, -111.9192



187.0150, 33.5166, -110.5152



208.6660, 0.1647, 40.6349



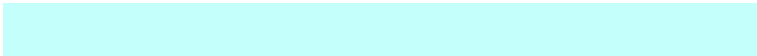
211.3490, -32.7101, 38.2819

Sweetspot

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



188.6160, 21.8813, -111.9192



236.9030, 6.9498, -35.8719



172.5960, -55.0168, -87.3457



116.8940, 3.9963, -21.8320



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.



188.6160, 21.8813, -111.9192



184.5200, 27.3516, -139.8990



143.0240, 50.2742, -71.9350



118.4120, 1.7689, -7.3773



129.0180, 22.1761, -113.1488



40.9030, 6.9498, -35.8719

Inverse Universe

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



117.3840, -21.8813, 111.9192



95.4800, -27.3516, 139.8990



162.9760, -50.2742, 71.9350



113.7020, -1.3321, 7.2773



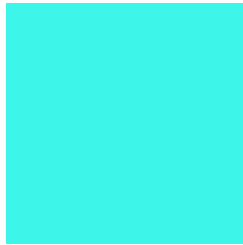
56.9820, -22.1761, 113.1488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 188.6160, 21.8813, -111.9192 looks on a white background.

Color Contrast Check

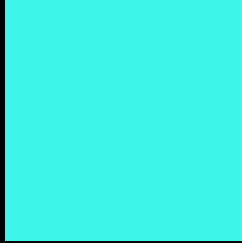
Large Text (above 18pt) WCAG AA × Fail

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 188.6160, 21.8813, -111.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

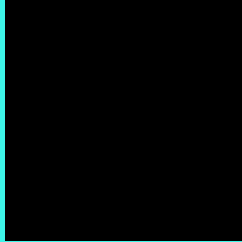
Any Text WCAG AA ✓ Pass

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 188.6160, 21.8813, -111.9192 Background



This preview shows how black text looks on a background with the YUV color 188.6160, 21.8813, -111.9192.

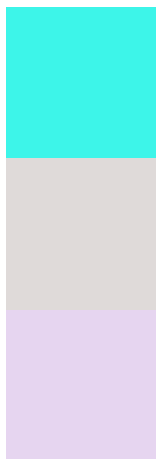


This preview shows how white text looks on a background with the YUV color 188.6160, 21.8813, -111.9192.

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

188.6160, 21.8813, -111.9192

Protanopia

219.3810, -1.1738, 3.1739

Deuteranopia

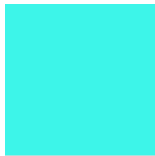
221.1610, 9.2876, 7.7518



Tritanopia

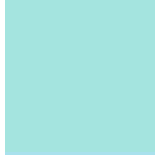
202.5630, 25.8514, -78.5468

Trichromacy



Original Color

188.6160, 21.8813, -111.9192



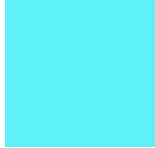
Protanomaly

208.2940, 7.2501, -38.8458



Deuteranomaly

209.6240, 13.4964, -35.6272



Tritanomaly

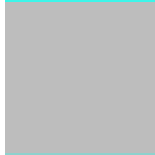
197.7310, 24.2896, -90.9721

Monochromacy



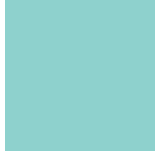
Original Color

188.6160, 21.8813, -111.9192



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.5110, 8.1291, -40.7901

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6160, 21.8813, -111.9192 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(61, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(61, 245, 233)  
}
```

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(61, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 245, 233) }
```

Border

The CSS property to change the border of an element to YUV 188.6160, 21.8813, -111.9192 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(61, 245, 233) }
```


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

```
.border{ border-color:rgb(61, 245, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 245, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(61, 245,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 188.6160, 21.8813, -111.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 245, 233) }
```

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

```
.background{ background-color: rgb(61, 245,  
233) }
```

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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