

Converting Colors

YUV(140.5420, 20.9318,
-87.2983)

Have a look what the booklet for
YUV(140.5420, 20.9318, -87.2983)
contains.

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Color

**YUV(140.5420, 20.9318,
-87.2983)**

Conversions

Conversions Part 1

Format	Color
Hex	29B7B7
RGB	41, 183, 183
RGB Percent	16%, 72%, 72%
CMY	0.8392, 0.2824, 0.2824
CMYK	0.78, 0.00, 0.00, 0.28
HSL	180°, 63%, 44%
HSV	180°, 78%, 72%
XYZ	26.3952, 37.7573, 50.6965
YIQ	140.5420, -84.6320, -30.1040

Conversions

Conversions Part 2

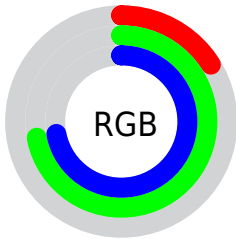
Format	Color
R_{YB}	41, 112, 183
Decimal	2734007
CIE _{Lab}	67.84, -35.17, -10.46
CIE _{LCh}	68, 36.696, 196.560
Yxy	37.7573, 0.2298, 0.3288
Android (android.graphics.Color)	4280924087 (0xFF29B7B7)
YUV	140.5420, 20.9318, -87.2983
Hunter-Lab	61.4470, -30.8556, -5.9040

Details

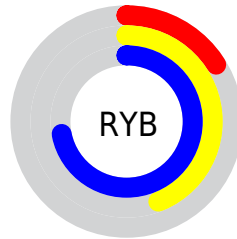
The YUV color **140.5420, 20.9318, -87.2983** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **83.4580, -20.9318, 87.2983**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9130, 18.2839, -77.9767**, and **90.5430, 19.4523, -79.4062** is the 20% darker color. If you saturate the color by 10%, you get **135.1600, 23.5851, -98.3643**, and if you desaturate by 10%, it is **145.9240, 18.2785, -76.2323**.

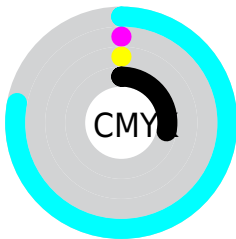
Distribution



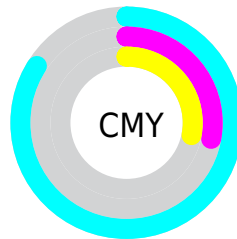
- Red (16%)
- Green (72%)
- Blue (72%)



- Red (16%)
- Yellow (44%)
- Blue (72%)



- Cyan (78%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (84%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.5420, 20.9318, -87.2983 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 140.5420, 20.9318, -87.2983 by changing the saturation by 10% instead.

■ 140.5420, 20.9318,
-87.2983

■ 140.5420, 20.9318,
-87.2983

■ 255.0000, 0.0000,
0.0000

■ 109.3560, 22.9955,
-95.9052

■ 201.9130, 18.2839,
-77.9767

■ 90.5430, 19.4523,
-79.4062

■ 221.5120, 16.5096,
-68.8550

■ 73.0180, 15.7671,
-64.0368

■ 230.7810, 11.9400,
-49.7969

■ 55.6070, 12.5187,
-48.7673

■ 239.7510, 7.5178,
-31.3536

■ 38.8970, 9.4178,
-34.1127

■ 248.7210, 3.0955,
-12.9103

■ 24.6490, 5.5960,
-21.6172

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 140.5420, 20.9318,
-87.2983

■ 140.5420, 20.9318,
-87.2983

■ 135.1600, 23.5851,
-98.3643

■ 145.9240, 18.2785,
-76.2323

■ 129.4790, 26.3859,
-110.0451

■ 151.6050, 15.4777,
-64.5516

■ 128.2830, 26.9755,
-112.5042

■ 156.9870, 12.8244,
-53.4856

■ 162.3690, 10.1711,
-42.4196

■ 168.0500, 7.3704,
-30.7388

■ 173.4320, 4.7170,
-19.6729

■ 178.8140, 2.0637,
-8.6069

■ 184.1960, -0.5896,
2.4591

■ 189.8770, -3.3904,
14.1399

Harmonies

Analogous

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



150.4310, -0.7055, -53.8750



140.5420, 20.9318, -87.2983



139.6950, 35.6464, -93.5715

Triad

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



140.5420, 20.9318, -87.2983



169.5120, 20.4536, 19.7220



164.0600, -31.0886, 31.5194

Complementary

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



140.5420, 20.9318, -87.2983



83.4580, -20.9318, 87.2983

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.



166.2330, -23.2859, 48.9077



140.5420, 20.9318, -87.2983



169.2950, 6.2636, 44.4683

Square

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



140.5420, 20.9318, -87.2983



165.1530, 31.4766, -15.9202



167.8220, -9.7722, 54.5301



161.2480, -29.7023, 6.7985

Rectangle

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



140.5420, 20.9318, -87.2983



150.1910, 36.8808, -69.4505



167.8220, -9.7722, 54.5301



164.8590, -29.5105, 38.7117

Sweetspot

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



140.5420, 20.9318, -87.2983



220.8540, 7.9600, -33.1980



124.3540, -41.0935, -73.1015



109.8340, 5.0118, -20.9024



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



140.5420, 20.9318, -87.2983



171.2200, 32.4295, -135.2509



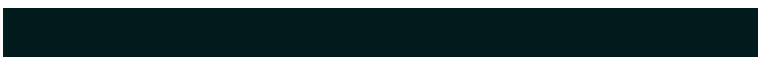
98.8650, 41.4786, -50.7476



89.3090, 1.3267, -5.5330



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Inverse Universe

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



99.6460, 41.0935, 73.1015



107.8600, 63.6660, 113.2558



125.1350, -41.4786, 50.7476



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 140.5420, 20.9318, -87.2983 looks on a white background.

Color Contrast Check

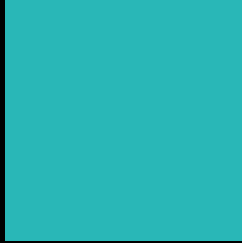
Large Text (above 18pt) WCAG AA × Fail

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 140.5420, 20.9318, -87.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

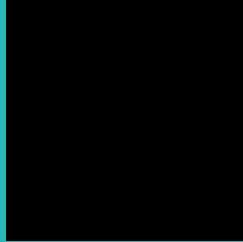
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

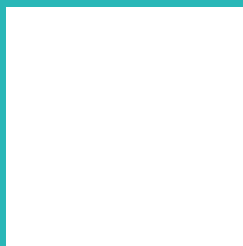
Any Text WCAG AAA ✓ Pass

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

YUV 140.5420, 20.9318, -87.2983 Background



This preview shows how black text looks on a background with the YUV color 140.5420, 20.9318, -87.2983.



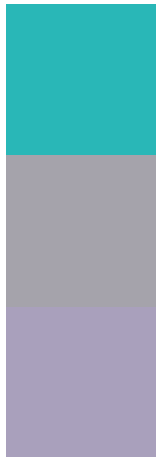
This preview shows how white text looks on a background with the YUV color 140.5420, 20.9318, -87.2983.

-87.2983.

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

140.5420, 20.9318, -87.2983

Protanopia

164.5100, 3.1996, 0.4297

Deuteranopia

165.8830, 10.9037, 2.7336



Tritanopia

143.8400, 25.7149, -81.4207

Trichromacy



Original Color

140.5420, 20.9318, -87.2983

Protanomaly

155.6200, 9.5543, -31.2387

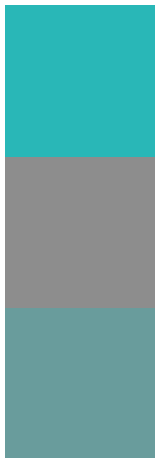
Deuteranomaly

156.2980, 14.6431, -30.0793

Tritanomaly

142.6610, 23.8311, -83.8947

Monochromacy



Original Color

140.5420, 20.9318, -87.2983

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7510, 7.5178, -31.3536

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5420, 20.9318, -87.2983 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(41, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(41, 183, 183)  
}
```

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(41, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 183, 183) }
```

Border

The CSS property to change the border of an element to YUV 140.5420, 20.9318, -87.2983 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(41, 183, 183) }
```


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

```
.border{ border-color:rgb(41, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(41, 183,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 140.5420, 20.9318, -87.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 183, 183) }
```

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

```
.background{ background-color: rgb(41, 183,  
183) }
```

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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