

Converting Colors

YUV(140.4920, 40.1834,
-102.1635)

Have a look what the booklet for
YUV(140.4920, 40.1834, -102.1635)
contains.

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Color

**YUV(140.4920, 40.1834,
-102.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	18B8DE
RGB	24, 184, 222
RGB Percent	9%, 72%, 87%
CMY	0.9059, 0.2784, 0.1294
CMYK	0.89, 0.17, 0.00, 0.13
HSL	192°, 80%, 48%
HSV	192°, 89%, 87%
XYZ	30.7020, 39.7491, 75.1614
YIQ	140.4920, -107.5580, -22.1020

Conversions

Conversions Part 2

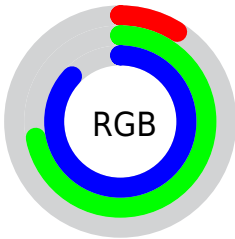
Format	Color
R_{YB}	24, 112, 222
Decimal	1620190
CIE _{Lab}	69.29, -24.56, -29.70
CIE _{LCh}	69, 38.545, 230.411
Yxy	39.7491, 0.2108, 0.2730
Android (android.graphics.Color)	4279810270 (0xFF18B8DE)
YUV	140.4920, 40.1834, -102.1635
Hunter-Lab	63.0469, -23.4078, -26.5498

Details

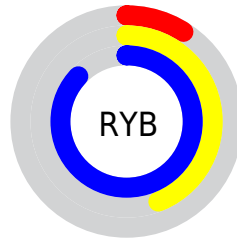
The YUV color **140.4920, 40.1834, -102.1635** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **105.5080, -40.1834, 102.1635**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1390, 25.5675, -80.8059**, and **95.9350, 35.0350, -84.1350** is the 20% darker color. If you saturate the color by 10%, you get **131.5660, 44.5840, -113.6294**, and if you desaturate by 10%, it is **149.4180, 35.7829, -90.6976**.

Distribution



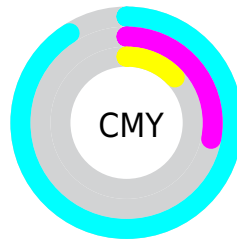
- Red (9%)
- Green (72%)
- Blue (87%)



- Red (9%)
- Yellow (44%)
- Blue (87%)



- Cyan (89%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4920, 40.1834, -102.1635 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 140.4920, 40.1834, -102.1635 by changing the saturation by 10% instead.

■ 140.4920, 40.1834,
-102.1635

■ 140.4920, 40.1834,
-102.1635

■ 255.0000, 0.0000,
0.0000

■ 114.2750, 39.3044,
-100.2192

■ 203.1390, 25.5675,
-80.8059

■ 95.9350, 35.0350,
-84.1350

■ 221.8110, 16.3622,
-68.2402

■ 77.5950, 30.7657,
-68.0508

■ 231.0800, 11.7926,
-49.1822

■ 60.6570, 26.7911,
-53.1962

■ 240.6480, 7.0755,
-29.5093

■ 44.3060, 22.5271,
-38.8564

■ 249.9170, 2.5059,
-10.4512

■ 28.6560, 18.4106,
-25.1313

■ 6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 140.4920, 40.1834,
-102.1635

■ 140.4920, 40.1834,
-102.1635

■ 131.5660, 44.5840,
-113.6294

■ 149.4180, 35.7829,
-90.6976

■ 130.3810, 45.1682,
-114.3441

■ 158.9310, 31.0930,
-79.7465

■ 168.1560, 26.5451,
-67.6658

■ 177.0820, 22.1446,
-56.1999

■ 186.0080, 17.7441,
-44.7340

■ 195.5210, 13.0541,
-33.7829

■ 204.4470, 8.6536,
-22.3170

■ 213.6720, 4.1057,
-10.2363

■ 222.5980, -0.2948,
1.2296

Harmonies

Analogous

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



137.6260, 26.8064, -104.9120



140.4920, 40.1834, -102.1635



159.3330, 38.2898, -54.6660

Triad

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



140.4920, 40.1834, -102.1635



173.4590, 4.2107, 49.5865



163.9980, -30.5650, 3.5098

Complementary

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



140.4920, 40.1834, -102.1635



105.5080, -40.1834, 102.1635

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.



167.4790, -33.2671, 30.2749



140.4920, 40.1834, -102.1635



171.5620, -12.1091, 57.3891

Square

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



140.4920, 40.1834, -102.1635



174.0180, 19.7111, 24.5402



169.8480, -26.0541, 50.1223



159.7150, -18.1005, -27.8141

Rectangle

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



140.4920, 40.1834, -102.1635



167.0100, 34.9981, -25.4418



169.8480, -26.0541, 50.1223



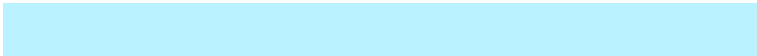
165.4830, -32.7761, 12.7314

Sweetspot

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



140.4920, 40.1834, -102.1635



226.7380, 13.9332, -35.7272



144.3300, -41.5747, -105.5294



111.0450, 8.3588, -21.0875



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.



140.4920, 40.1834, -102.1635



149.9920, 51.7689, -131.5430



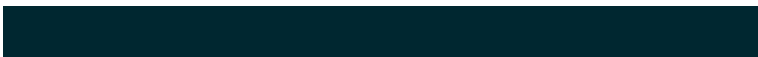
83.5530, 68.2544, -52.2280



107.5370, 2.2003, -5.7329



103.4180, 35.7829, -90.6976



28.3650, 9.6801, -24.8761

Inverse Universe

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



101.4420, 40.7011, 105.7294



99.7290, 52.3916, 136.1727



162.4470, -68.2544, 52.2280



105.3150, 2.3097, 5.8627



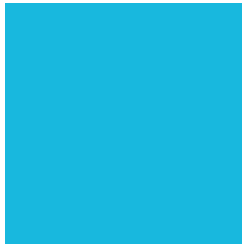
68.8120, 36.0817, 94.0039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 140.4920, 40.1834, -102.1635 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 140.4920, 40.1834, -102.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

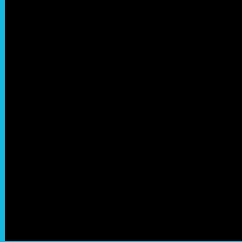
Any Text WCAG AA ✓ Pass

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 140.4920, 40.1834, -102.1635 Background



This preview shows how black text looks on a background with the YUV color 140.4920, 40.1834, -102.1635.

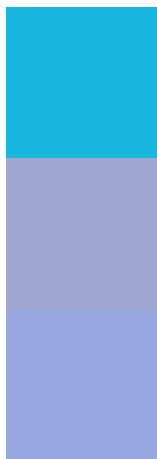


This preview shows how white text looks on a background with the YUV color 140.4920, 40.1834, -102.1635.

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

140.4920, 40.1834, -102.1635

Protanopia

168.5100, 19.9616, -9.2173

Deuteranopia

168.6540, 28.2716, -14.6056



Tritanopia

132.7970, 34.1171, -116.4630

Trichromacy



Original Color

140.4920, 40.1834, -102.1635



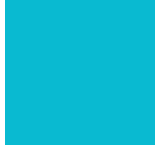
Protanomaly

158.5380, 27.3428, -43.4448



Deuteranomaly

158.5960, 32.7372, -47.0037



Tritanomaly

135.6990, 36.1374, -111.1150

Monochromacy



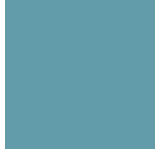
Original Color

140.4920, 40.1834, -102.1635



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.2540, 14.6648, -37.0568

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4920, 40.1834, -102.1635 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(24, 184, 222)` looks like.

```
.text, #text, p{  
    color:rgb(24, 184, 222)  
}
```

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(24, 184, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 184, 222) }
```

Border

The CSS property to change the border of an element to YUV 140.4920, 40.1834, -102.1635 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(24, 184, 222) }
```


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

```
.border{ border-color:rgb(24, 184, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 184, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 184, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 184, 222);  
box-shadow:4px 4px 4px 4px rgb(24, 184,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 140.4920, 40.1834, -102.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 184, 222) }
```

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

```
.background{ background-color: rgb(24, 184,  
222) }
```

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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