

Converting Colors

YUV(120.3740, 39.2556,
-84.5200)

Have a look what the booklet for
YUV(120.3740, 39.2556, -84.5200)
contains.

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Color

**YUV(120.3740, 39.2556,
-84.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	189AC8
RGB	24, 154, 200
RGB Percent	9%, 60%, 78%
CMY	0.9059, 0.3961, 0.2157
CMYK	0.88, 0.23, 0.00, 0.22
HSL	196°, 79%, 44%
HSV	196°, 88%, 78%
XYZ	22.3576, 27.4755, 58.7685
YIQ	120.3740, -92.2460, -13.2540

Conversions

Conversions Part 2

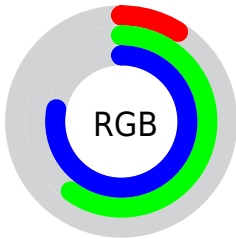
Format	Color
R_{YB}	24, 99, 200
Decimal	1612488
CIE _{Lab}	59.41, -16.40, -32.82
CIE _{LCh}	59, 36.689, 243.445
Yxy	27.4755, 0.2059, 0.2530
Android (android.graphics.Color)	4279802568 (0xFF189AC8)
YUV	120.3740, 39.2556, -84.5200
Hunter-Lab	52.4171, -15.5938, -29.7822

Details

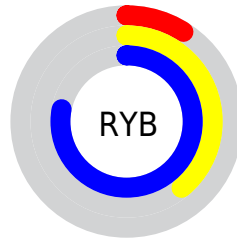
The YUV color **120.3740, 39.2556, -84.5200** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **103.6260, -39.2556, 84.5200**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5610, 35.7124, -68.0210**, and **77.1050, 33.9652, -67.6211** is the 20% darker color. If you saturate the color by 10%, you get **111.4590, 43.6507, -94.2415**, and if you desaturate by 10%, it is **129.2890, 34.8605, -74.7985**.

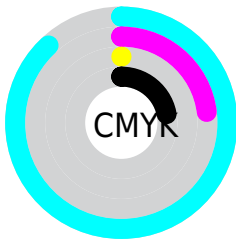
Distribution



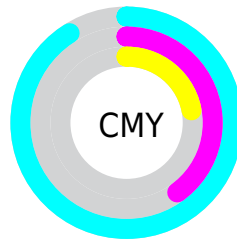
- Red (9%)
- Green (60%)
- Blue (78%)



- Red (9%)
- Yellow (39%)
- Blue (78%)



- Cyan (88%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3740, 39.2556, -84.5200 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 120.3740, 39.2556, -84.5200 by changing the saturation by 10% instead.

■ 120.3740, 39.2556,
-84.5200

■ 120.3740, 39.2556,
-84.5200

■ 255.0000, 0.0000,
0.0000

■ 94.8580, 38.5240,
-83.1905

■ 182.5610, 35.7124,
-68.0210

■ 77.1050, 33.9652,
-67.6211

■ 208.8530, 22.7505,
-63.8921

■ 60.0530, 29.5539,
-52.6665

■ 228.6880, 12.9718,
-54.1004

■ 43.7020, 25.2899,
-38.3267

■ 237.6580, 8.5496,
-35.6571

■ 28.6390, 20.8840,
-25.1164

■ 246.6280, 4.1274,
-17.2138

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 120.3740, 39.2556,
-84.5200

■ 120.3740, 39.2556,
-84.5200

■ 111.4590, 43.6507,
-94.2415

■ 129.2890, 34.8605,
-74.7985

■ 109.6760, 44.5297,
-96.1859

■ 138.2040, 30.4654,
-65.0769

■ 147.7060, 25.7809,
-55.8702

■ 156.6210, 21.3858,
-46.1486

■ 165.5360, 16.9908,
-36.4271

■ 174.4510, 12.5957,
-26.7055

■ 183.9530, 7.9112,
-17.4988

■ 192.8680, 3.5161,
-7.7772

■ 201.7830, -0.8790,
1.9443

Harmonies

Analogous

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



113.6250, 31.7369, -99.6491



120.3740, 39.2556, -84.5200



138.6130, 33.7148, -33.8636

Triad

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



120.3740, 39.2556, -84.5200



145.7490, -2.3413, 51.0861



136.9300, -24.1225, -9.5856

Complementary

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



120.3740, 39.2556, -84.5200



103.6260, -39.2556, 84.5200

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.



140.0860, -30.6084, 17.4646



120.3740, 39.2556, -84.5200



144.1500, -17.3289, 51.6115

Square

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



120.3740, 39.2556, -84.5200



146.8360, 12.4059, 34.3468



142.6140, -27.9107, 38.9265



131.3420, -9.0426, -39.7649

Rectangle

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



120.3740, 39.2556, -84.5200



144.1110, 28.5393, -7.1133



142.6140, -27.9107, 38.9265



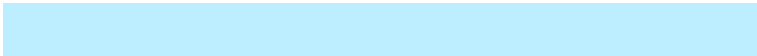
138.0730, -27.6440, -0.0640

Sweetspot

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



120.3740, 39.2556, -84.5200



225.2870, 14.6485, -31.8237



132.3280, -31.7137, -95.0037



109.5830, 9.0796, -18.9283



0.0000, 0.0000, 0.0000



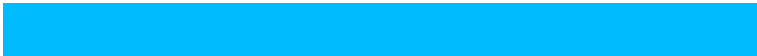
128.0000, 0.0000, 0.0000

Same Dimension

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



120.3740, 39.2556, -84.5200



139.4260, 56.9780, -122.2766



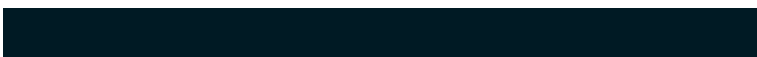
69.8920, 64.1432, -40.2473



95.1350, 1.9054, -4.5034



89.6090, 36.1818, -78.5871



19.3660, 8.2006, -16.9840

Inverse Universe

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



91.4440, 30.8401, 95.2036



97.6770, 44.5292, 137.9723



154.1080, -64.1432, 40.2473



93.4890, 1.7309, 4.8331



62.5310, 28.8252, 88.1113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 120.3740, 39.2556, -84.5200 looks on a white background.

Color Contrast Check

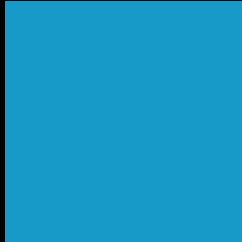
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3740, 39.2556, -84.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

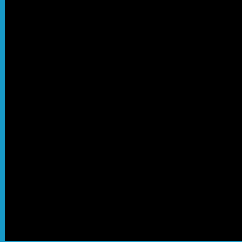
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3740, 39.2556, -84.5200

Background



This preview shows how black text looks on a background with the YUV color 120.3740, 39.2556, -84.5200.

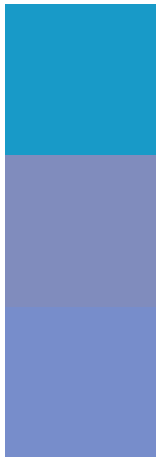


This preview shows how white text looks on a background with the YUV color 120.3740, 39.2556, -84.5200.

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

120.3740, 39.2556, -84.5200

Protanopia

141.9980, 23.1720, -12.2762

Deuteranopia

141.4900, 30.3244, -19.7237

Trichromacy



Original Color

120.3740, 39.2556, -84.5200

Protanomaly

134.0270, 29.0737, -38.6117

Deuteranomaly

133.8460, 33.5999, -43.7149

Monochromacy



Original Color

120.3740, 39.2556, -84.5200

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8850, 14.3537, -30.5941

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3740, 39.2556, -84.5200 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, 154, 200)` looks like.

```
.text, #text, p{  
    color:rgb(24, 154, 200)  
}
```

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, 154, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 154, 200) }
```

Border

The CSS property to change the border of an element to YUV 120.3740, 39.2556, -84.5200 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, 154, 200) }
```

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

```
.border{ border-color:rgb(24, 154, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 154, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 154, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 154, 200);  
box-shadow:4px 4px 4px 4px rgb(24, 154,  
200) }
```


Background

The CSS property to change the background color of an element to YUV 120.3740, 39.2556, -84.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 154, 200) }
```

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

```
.background{ background-color: rgb(24, 154,  
200) }
```

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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