

Converting Colors

YUV(112.3520, 39.2665,
-88.0087)

Have a look what the booklet for
YUV(112.3520, 39.2665, -88.0087)
contains.

YUV(112.3520, 39.2665, -88.0087)	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(112.3520, 39.2665,
-88.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	0C94C0
RGB	12, 148, 192
RGB Percent	5%, 58%, 75%
CMY	0.9529, 0.4196, 0.2471
CMYK	0.94, 0.23, 0.00, 0.25
HSL	195°, 88%, 40%
HSV	195°, 94%, 75%
XYZ	20.2560, 25.0637, 53.6394
YIQ	112.3520, -95.1800, -15.1480

Conversions

Conversions Part 2

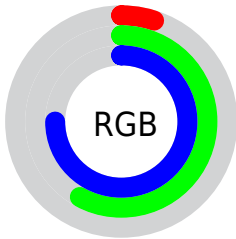
Format	Color
RYB	12, 89, 192
Decimal	824512
CIELab	57.14, -16.59, -31.86
CIELCh	57, 35.918, 242.492
Yxy	25.0637, 0.2047, 0.2533
Android (android.graphics.Color)	4279014592 (0xFF0C94C0)
YUV	112.3520, 39.2665, -88.0087
Hunter-Lab	50.0637, -15.3897, -28.4800

Details

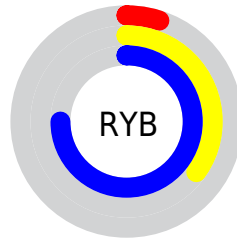
The YUV color **112.3520, 39.2665, -88.0087** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **91.6480, -39.2665, 88.0087**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5610, 35.7124, -68.0210**, and **72.6710, 32.2072, -63.7325** is the 20% darker color. If you saturate the color by 10%, you get **107.0030, 41.9035, -93.8416**, and if you desaturate by 10%, it is **120.9680, 35.0188, -78.9019**.

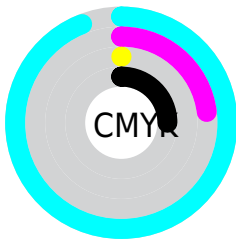
Distribution



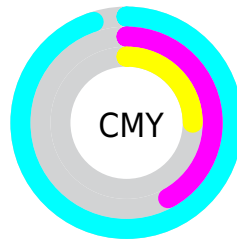
- Red (5%)
- Green (58%)
- Blue (75%)



- Red (5%)
- Yellow (35%)
- Blue (75%)



- Cyan (94%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3520, 39.2665, -88.0087 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 112.3520, 39.2665, -88.0087 by changing the saturation by 10% instead.

■ 112.3520, 39.2665,
-88.0087

■ 112.3520, 39.2665,
-88.0087

■ 255.0000, 0.0000,
0.0000

■ 90.4240, 36.7660,
-79.3018

■ 176.5610, 35.7124,
-68.0210

■ 72.6710, 32.2072,
-63.7325

■ 203.2490, 25.5132,
-63.3624

■ 55.7330, 28.2326,
-48.8778

■ 226.8940, 13.8563,
-57.7890

■ 39.9690, 23.6793,
-35.0528

■ 235.8640, 9.4340,
-39.3457

■ 25.4930, 18.9840,
-22.3574

■ 245.1330, 4.8644,
-20.2876

■ 6.5490, 17.4773,
-5.7435

■ 254.1030, 0.4422,

■ 2.8670, 8.4466,

-1.8443

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 112.3520, 39.2665,
-88.0087

■ 112.3520, 39.2665,
-88.0087

■ 107.0030, 41.9035,
-93.8416

■ 120.9680, 35.0188,
-78.9019

■ 128.9970, 31.0605,
-69.2804

■ 137.9120, 26.6654,
-59.5588

■ 146.5280, 22.4177,
-50.4521

■ 154.5570, 18.4594,
-40.8305

■ 163.1730, 14.2117,
-31.7237

■ 171.7890, 9.9640,
-22.6170

■ 180.7040, 5.5689,
-12.8954

■ 188.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



109.1910, 29.9788, -95.7605



112.3520, 39.2665, -88.0087



132.0860, 32.9886, -34.2784

Triad

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



112.3520, 39.2665, -88.0087



139.8520, -1.8990, 49.2418



131.0550, -23.6911, -7.9412

Complementary

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



112.3520, 39.2665, -88.0087



91.6480, -39.2665, 88.0087

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.



134.6130, -29.8822, 17.8794



112.3520, 39.2665, -88.0087



138.3670, -16.4499, 49.6671

Square

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



112.3520, 39.2665, -88.0087



141.2380, 12.7007, 33.1173



136.5430, -26.8897, 38.1118



125.6520, -9.1954, -37.4058

Rectangle

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



112.3520, 39.2665, -88.0087



138.2850, 27.9605, -8.1429



136.5430, -26.8897, 38.1118



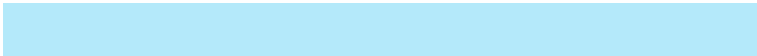
132.6000, -26.9178, 0.3508

Sweetspot

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



112.3520, 39.2665, -88.0087



219.0910, 15.2381, -34.2828



122.4480, -33.7449, -96.8629



106.2730, 9.2324, -21.2874



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



112.3520, 39.2665, -88.0087



139.4430, 54.5046, -122.2915



60.6960, 64.7329, -42.7064



92.8360, 2.0529, -5.1182



89.3810, 35.3082, -78.3871



18.4370, 7.1796, -16.1692

Inverse Universe

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



81.3240, 32.8713, 97.0629



96.2960, 45.7031, 134.7984



143.3040, -64.7329, 42.7064



90.9020, 2.0203, 5.3479



61.9330, 29.1200, 86.8818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 112.3520, 39.2665, -88.0087 looks on a white background.

Color Contrast Check

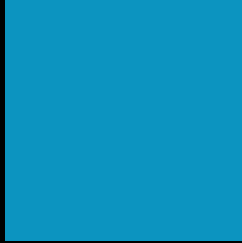
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3520, 39.2665, -88.0087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

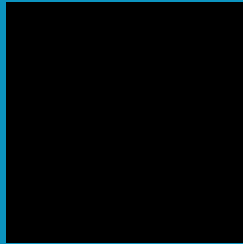
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.3520, 39.2665, -88.0087

Background



This preview shows how black text looks on a background with the YUV color 112.3520, 39.2665, -88.0087.

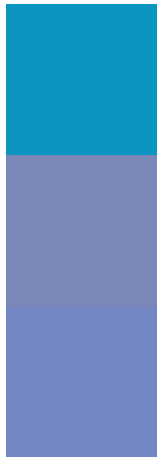


This preview shows how white text looks on a background with the YUV color 112.3520, 39.2665, -88.0087.

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

112.3520, 39.2665, -88.0087

Protanopia

136.7700, 22.2984, -12.0763

Deuteranopia

135.5610, 29.3034, -18.9090



Tritanopia

107.8060, 27.2106, -94.5459

Trichromacy



Original Color

112.3520, 39.2665, -88.0087

Protanomaly

128.2010, 28.4949, -39.6413

Deuteranomaly

127.3190, 32.8737, -44.1298

Tritanomaly

109.6690, 31.7152, -92.6717

Monochromacy



Original Color

112.3520, 39.2665, -88.0087

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1730, 14.2117, -31.7237

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3520, 39.2665, -88.0087 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(12, 148, 192)` looks like.

```
.text, #text, p{  
    color:rgb(12, 148, 192)  
}
```

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(12, 148, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 148, 192) }
```

Border

The CSS property to change the border of an element to YUV 112.3520, 39.2665, -88.0087 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(12, 148, 192) }
```


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

```
.border{ border-color:rgb(12, 148, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 148, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 148, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 148, 192);  
box-shadow:4px 4px 4px 4px rgb(12, 148,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 112.3520, 39.2665, -88.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 148, 192) }
```

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

```
.background{ background-color: rgb(12, 148,  
192) }
```

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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