

Converting Colors

YUV(100.9800, 33.5339,
-69.2655)

Have a look what the booklet for
YUV(100.9800, 33.5339, -69.2655)
contains.

YUV(100.9800, 33.5339, -69.2655)	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(100.9800, 33.5339,
-69.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	1680A9
RGB	22, 128, 169
RGB Percent	9%, 50%, 66%
CMY	0.9137, 0.4980, 0.3373
CMYK	0.87, 0.24, 0.00, 0.34
HSL	197°, 77%, 37%
HSV	197°, 87%, 66%
XYZ	15.2115, 18.4735, 40.3001
YIQ	100.9800, -76.3370, -9.7210

Conversions

Conversions Part 2

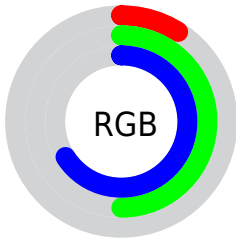
Format	Color
R_{YB}	22, 84, 169
Decimal	1474729
CIE _{Lab}	50.07, -13.30, -29.69
CIE _{LCh}	50, 32.534, 245.871
Yxy	18.4735, 0.2056, 0.2497
Android (android.graphics.Color)	4279664809 (0xFF1680A9)
YUV	100.9800, 33.5339, -69.2655
Hunter-Lab	42.9808, -12.0429, -25.5056

Details

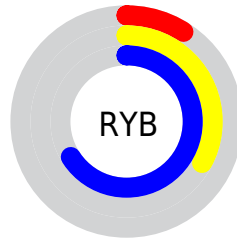
The YUV color **100.9800, 33.5339, -69.2655** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **90.0200, -33.5339, 69.2655**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4870, 31.3119, -56.5551**, and **59.7110, 28.2435, -52.3665** is the 20% darker color. If you saturate the color by 10%, you get **92.9620, 37.4867, -77.1427**, and if you desaturate by 10%, it is **108.9980, 29.5810, -61.3882**.

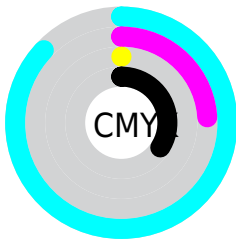
Distribution



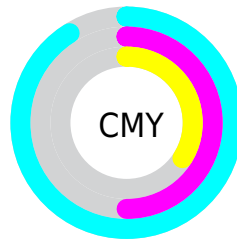
- Red (9%)
- Green (50%)
- Blue (66%)



- Red (9%)
- Yellow (33%)
- Blue (66%)



- Cyan (87%)
- Magenta (24%)
- Yellow (0%)
- Black (34%)



- Cyan (91%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9800, 33.5339, -69.2655 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 100.9800, 33.5339, -69.2655 by changing the saturation by 10% instead.

100.9800, 33.5339,
-69.2655

100.9800, 33.5339,
-69.2655

255.0000, 0.0000,
0.0000

76.6490, 32.2180,
-67.2212

160.4870, 31.3119,
-56.5551

59.7110, 28.2435,
-52.3665

188.6120, 31.7433,
-54.9107

43.3600, 23.9795,
-38.0267

214.5340, 19.9497,
-52.2113

28.2970, 19.5736,
-24.8165

234.0700, 10.3185,
-43.0344

7.5920, 18.9351,
-6.6582

242.7410, 6.0437,
-25.2059

3.3230, 10.1938,
-2.9143

251.7110, 1.6215,

0.0000, 0.0000,

-6.7625

0.0000

■ 100.9800, 33.5339,
-69.2655

■ 100.9800, 33.5339,
-69.2655

■ 92.9620, 37.4867,
-77.1427

■ 108.9980, 29.5810,
-61.3882

■ 90.8800, 38.5132,
-79.7018

■ 116.4290, 25.9175,
-52.9962

■ 124.4470, 21.9646,
-45.1190

■ 132.4650, 18.0118,
-37.2418

■ 140.1840, 14.2063,
-29.9794

■ 147.6150, 10.5428,
-21.5874

■ 155.6330, 6.5899,
-13.7101

■ 163.6510, 2.6371,
-5.8329

■ 171.0820, -1.0264,
2.5591

Harmonies

Analogous

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



95.2850, 27.4675, -83.5649



100.9800, 33.5339, -69.2655



115.9900, 28.5989, -26.3012

Triad

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



100.9800, 33.5339, -69.2655



121.4770, -3.1932, 44.3087



113.3690, -19.9019, -9.9706

Complementary

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



100.9800, 33.5339, -69.2655



90.0200, -33.5339, 69.2655

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.



116.2040, -26.2296, 12.9761



100.9800, 33.5339, -69.2655



120.1490, -15.8495, 43.7193

Square

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



100.9800, 33.5339, -69.2655



122.7170, 9.5065, 30.9432



118.7810, -24.5420, 31.7641



108.4610, -6.1433, -36.3613

Rectangle

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



100.9800, 33.5339, -69.2655



120.2810, 24.0185, -3.7544



118.7810, -24.5420, 31.7641



114.6150, -22.9812, -2.2934

Sweetspot

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



100.9800, 33.5339, -69.2655



192.5650, 13.0325, -26.8055



112.7350, -25.5054, -79.5746



93.9640, 7.9057, -15.7544



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



100.9800, 33.5339, -69.2655



117.7120, 49.9350, -103.2334



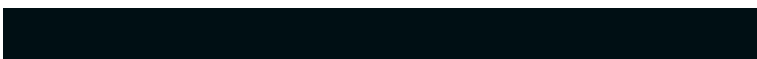
58.7160, 54.3700, -32.1999



80.4340, 1.7580, -3.8886



79.6810, 33.6813, -69.8802



11.0850, 4.3951, -9.7215

Inverse Universe

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



78.0370, 24.6318, 79.7746



83.4930, 36.7320, 118.8396



132.2840, -54.3700, 32.1999



79.0760, 1.4415, 4.3183



56.4500, 24.9212, 80.2894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 100.9800, 33.5339, -69.2655 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 100.9800, 33.5339, -69.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

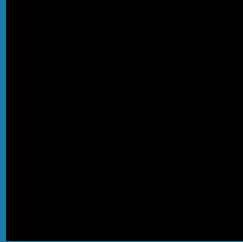
Any Text WCAG AA ✓ Pass

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 100.9800, 33.5339, -69.2655 Background



This preview shows how black text looks on a background with the YUV color 100.9800, 33.5339, -69.2655.

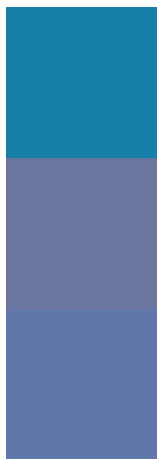


This preview shows how white text looks on a background with the YUV color 100.9800, 33.5339, -69.2655.

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

100.9800, 33.5339, -69.2655

Protanopia

118.6130, 20.4038, -11.0616

Deuteranopia

117.7630, 26.2458, -18.2092



Tritanopia

93.6720, 23.8257, -82.1503

Trichromacy



Original Color

100.9800, 33.5339, -69.2655

Protanomaly

112.0340, 25.1262, -32.4788

Deuteranomaly

111.9240, 28.6315, -36.7673

Tritanomaly

96.6170, 27.3038, -77.7171

Monochromacy



Original Color

100.9800, 33.5339, -69.2655

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0490, 12.3008, -25.4760

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9800, 33.5339, -69.2655 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(22, 128, 169)` looks like.

```
.text, #text, p{  
    color:rgb(22, 128, 169)  
}
```

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(22, 128, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 128, 169) }
```

Border

The CSS property to change the border of an element to YUV 100.9800, 33.5339, -69.2655 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(22, 128, 169) }
```


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

```
.border{ border-color:rgb(22, 128, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 128, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 128, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 128, 169);  
box-shadow:4px 4px 4px 4px rgb(22, 128,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 100.9800, 33.5339, -69.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 128, 169) }
```

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

```
.background{ background-color: rgb(22, 128,  
169) }
```

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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