

Converting Colors

YUV(109.2890, 18.0985,
-65.1515)

Have a look what the booklet for
YUV(109.2890, 18.0985, -65.1515)
contains.

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Color

**YUV(109.2890, 18.0985,
-65.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	238C92
RGB	35, 140, 146
RGB Percent	14%, 55%, 57%
CMY	0.8627, 0.4510, 0.4275
CMYK	0.76, 0.04, 0.00, 0.43
HSL	183°, 61%, 35%
HSV	183°, 76%, 57%
XYZ	15.2595, 21.1888, 30.4797
YIQ	109.2890, -64.5060, -20.3940

Conversions

Conversions Part 2

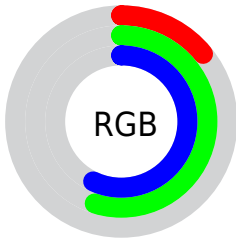
Format	Color
R_{YB}	35, 89, 146
Decimal	2329746
CIE _{Lab}	53.16, -26.33, -11.60
CIE _{LCh}	53, 28.774, 203.771
Yxy	21.1888, 0.2280, 0.3166
Android (android.graphics.Color)	4280519826 (0xFF238C92)
YUV	109.2890, 18.0985, -65.1515
Hunter-Lab	46.0313, -21.3815, -7.0371

Details

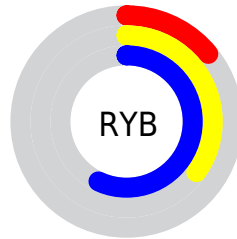
The YUV color **109.2890, 18.0985, -65.1515** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **71.7110, -18.0985, 65.1515**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2790, 16.6245, -59.0037**, and **63.1870, 16.1768, -55.4150** is the 20% darker color. If you saturate the color by 10%, you get **104.2170, 20.5990, -73.8583**, and if you desaturate by 10%, it is **114.3610, 15.5980, -56.4446**.

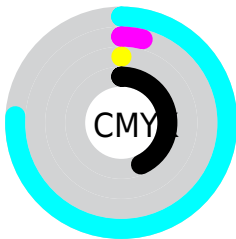
Distribution



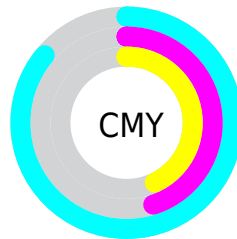
- Red (14%)
- Green (55%)
- Blue (57%)



- Red (14%)
- Yellow (35%)
- Blue (57%)



- Cyan (76%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (86%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2890, 18.0985, -65.1515 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 109.2890, 18.0985, -65.1515 by changing the saturation by 10% instead.

109.2890, 18.0985,
-65.1515

109.2890, 18.0985,
-65.1515

255.0000, 0.0000,
0.0000

80.5980, 19.4252,
-70.6844

166.2790, 16.6245,
-59.0037

63.1870, 16.1768,
-55.4150

194.5780, 16.4770,
-58.3889

46.3630, 12.6390,
-40.6604

223.3500, 15.6035,
-58.1889

30.8270, 8.9593,
-27.0353

234.3690, 10.1711,
-42.4196

15.0460, 6.8793,
-13.1953

243.0400, 5.8963,
-24.5911

0.0000, 0.0000,
0.0000

252.0100, 1.4741,

-6.1478

■ 109.2890, 18.0985,
-65.1515

■ 109.2890, 18.0985,
-65.1515

■ 104.2170, 20.5990,
-73.8583

■ 114.3610, 15.5980,
-56.4446

■ 99.4440, 22.9521,
-81.9504

■ 119.1340, 13.2449,
-48.3525

■ 97.6500, 23.8365,
-85.6391

■ 123.6190, 11.0338,
-39.1309

■ 128.3920, 8.6807,
-31.0388

■ 133.4640, 6.1802,
-22.3319

■ 138.5360, 3.6798,
-13.6251

■ 143.3090, 1.3267,
-5.5330

■ 147.7940, -0.8844,
3.6887

■ 152.5670, -3.2375,
11.7807

Harmonies

Analogous

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



114.8110, 3.0512, -45.4382



109.2890, 18.0985, -65.1515



112.4990, 26.3760, -60.0736

Triad

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



109.2890, 18.0985, -65.1515



130.4490, 12.5966, 19.7772



125.9320, -23.6305, 19.3536

Complementary

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



109.2890, 18.0985, -65.1515



71.7110, -18.0985, 65.1515

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.



127.4700, -19.4587, 34.6678



109.2890, 18.0985, -65.1515



129.6870, 1.6333, 36.2315

Square

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



109.2890, 18.0985, -65.1515



127.9990, 21.6925, -4.3841



128.6200, -10.1657, 40.6753



122.9080, -20.6606, 0.0807

Rectangle

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



109.2890, 18.0985, -65.1515



118.8370, 27.1954, -42.8300



128.6200, -10.1657, 40.6753



126.4920, -22.9206, 25.0015

Sweetspot

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



109.2890, 18.0985, -65.1515



174.0830, 7.3541, -25.5058



100.8410, -29.5016, -57.7426



85.6390, 4.1220, -15.4694



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



109.2890, 18.0985, -65.1515



131.7020, 28.2479, -100.5937



77.0040, 34.0150, -36.8375



71.9070, 1.0318, -4.3034



92.0420, 22.6573, -80.7208



7.0100, 1.4741, -6.1478

Inverse Universe

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



80.1590, 29.5016, 57.7426



86.8960, 45.4073, 89.5452



103.9960, -34.0150, 36.8375



69.8910, 2.0257, 3.6036



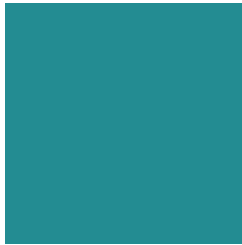
56.0820, 36.4416, 71.8421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 109.2890, 18.0985, -65.1515 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 109.2890, 18.0985, -65.1515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

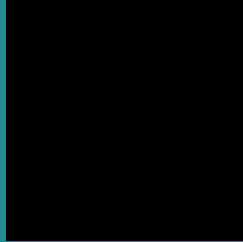
Any Text WCAG AA ✓ Pass

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 109.2890, 18.0985, -65.1515 Background



This preview shows how black text looks on a background with the YUV color 109.2890, 18.0985, -65.1515.



This preview shows how white text looks on a background with the YUV color 109.2890, 18.0985, -65.1515.

-65.1515.

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

109.2890, 18.0985, -65.1515

Protanopia

126.3680, 5.2416, -1.1997

Deuteranopia

127.2740, 11.2039, -0.2403



Tritanopia

110.4680, 19.9823, -62.6774

Trichromacy



Original Color

109.2890, 18.0985, -65.1515

Protanomaly

119.7780, 9.9694, -24.3613

Deuteranomaly

120.8150, 13.8952, -23.5168

Tritanomaly

109.9410, 19.2561, -63.0923

Monochromacy



Original Color

109.2890, 18.0985, -65.1515

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8660, 6.4751, -23.5615

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2890, 18.0985, -65.1515 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(35, 140, 146)` looks like.

```
.text, #text, p{  
    color:rgb(35, 140, 146)  
}
```

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(35, 140, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 140, 146) }
```

Border

The CSS property to change the border of an element to YUV 109.2890, 18.0985, -65.1515 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(35, 140, 146) }
```


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

```
.border{ border-color:rgb(35, 140, 146) }
```

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

Here you see how a box with a 4 pixel rgb(35, 140, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 140, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 140, 146);  
box-shadow:4px 4px 4px 4px rgb(35, 140,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 109.2890, 18.0985, -65.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 140, 146) }
```

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

```
.background{ background-color: rgb(35, 140,  
146) }
```

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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