

Converting Colors

YUV(101.2890, 21.5495,
-51.9965)

Have a look what the booklet for
YUV(101.2890, 21.5495, -51.9965)
contains.

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Color

**YUV(101.2890, 21.5495,
-51.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	2A7B91
RGB	42, 123, 145
RGB Percent	16%, 48%, 57%
CMY	0.8353, 0.5176, 0.4314
CMYK	0.71, 0.15, 0.00, 0.43
HSL	193°, 55%, 37%
HSV	193°, 71%, 57%
XYZ	13.1486, 16.7025, 29.3190
YIQ	101.2890, -55.3380, -10.3300

Conversions

Conversions Part 2

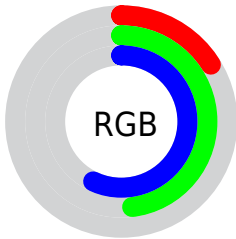
Format	Color
R _Y B	42, 87, 145
Decimal	2784145
CIE Lab	47.88, -16.76, -19.01
CIE LCh	48, 25.343, 228.587
Yxy	16.7025, 0.2222, 0.2823
Android (android.graphics.Color)	4280974225 (0xFF2A7B91)
YUV	101.2890, 21.5495, -51.9965
Hunter-Lab	40.8687, -14.0916, -13.9262

Details

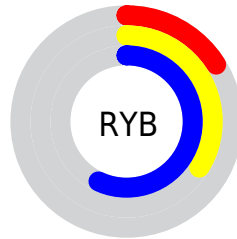
The YUV color **101.2890, 21.5495, -51.9965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.7110, -21.5495, 51.9965**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1970, 21.1019, -48.4078**, and **54.1540, 19.6441, -47.4931** is the 20% darker color. If you saturate the color by 10%, you get **95.0430, 24.6288, -59.6737**, and if you desaturate by 10%, it is **107.2360, 18.6177, -44.9340**.

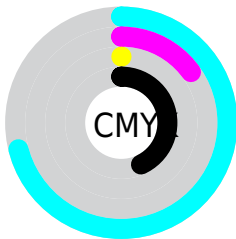
Distribution



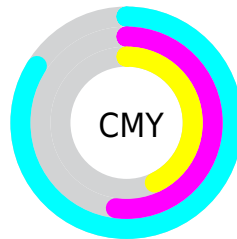
- Red (16%)
- Green (48%)
- Blue (57%)



- Red (16%)
- Yellow (34%)
- Blue (57%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (43%)



- Cyan (84%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2890, 21.5495, -51.9965 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 101.2890, 21.5495, -51.9965 by changing the saturation by 10% instead.

101.2890, 21.5495,
-51.9965

101.2890, 21.5495,
-51.9965

255.0000, 0.0000,
0.0000

71.0920, 23.6186,
-62.3477

156.1970, 21.1019,
-48.4078

54.1540, 19.6441,
-47.4931

183.9090, 21.2439,
-47.2782

38.0310, 16.2537,
-33.3532

211.9090, 21.2439,
-47.2782

23.6690, 11.9952,
-20.7577

234.3690, 10.1711,
-42.4196

3.7790, 11.9410,
-3.3142

243.0400, 5.8963,
-24.5911

0.0000, 0.0000,
0.0000

252.0100, 1.4741,

-6.1478

■ 101.2890, 21.5495,
-51.9965

■ 101.2890, 21.5495,
-51.9965

■ 95.0430, 24.6288,
-59.6737

■ 107.2360, 18.6177,
-44.9340

■ 89.0960, 27.5607,
-66.7362

■ 113.4820, 15.5384,
-37.2567

■ 83.4480, 30.3451,
-73.1839

■ 119.7280, 12.4591,
-29.5795

■ 125.6750, 9.5272,
-22.5170

■ 131.6220, 6.5954,
-15.4545

■ 138.4550, 3.2267,
-8.2920

■ 144.4020, 0.2948,
-1.2296

■ 150.6480, -2.7845,
6.4477

■ 156.8940, -5.8637,
14.1250

Harmonies

Analogous

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



99.9980, 12.8190, -51.7412



101.2890, 21.5495, -51.9965



108.1650, 23.0897, -32.5937

Triad

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



101.2890, 21.5495, -51.9965



116.3980, 3.2548, 29.4690



110.7990, -18.6349, 3.6843

Complementary

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



101.2890, 21.5495, -51.9965



85.7110, -21.5495, 51.9965

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.



113.1430, -20.2835, 19.1686



101.2890, 21.5495, -51.9965



115.6840, -7.2392, 35.3571

Square

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



101.2890, 21.5495, -51.9965



116.4160, 12.6129, 14.5442



114.0720, -15.8115, 31.5089



108.2140, -11.4445, -15.9737

Rectangle

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



101.2890, 21.5495, -51.9965



112.8080, 21.2937, -16.4946



114.0720, -15.8115, 31.5089



111.4900, -19.9616, 9.2173

Sweetspot

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



101.2890, 21.5495, -51.9965



171.7570, 8.5008, -19.9579



104.8550, -20.6345, -55.1238



84.1880, 4.8373, -11.5659



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.



101.2890, 21.5495, -51.9965



120.3160, 33.8612, -80.9611



71.9390, 36.0191, -26.2565



68.3200, 1.3212, -3.7886



77.6120, 28.2923, -68.0657



4.4340, 1.7580, -3.8886

Inverse Universe

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



82.0310, 20.1977, 55.2238



90.5030, 31.3040, 86.3819



115.0610, -36.0191, 26.2565



66.7770, 1.5889, 3.7036



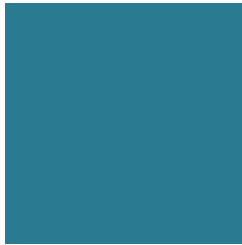
52.4490, 26.4006, 72.3972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 101.2890, 21.5495, -51.9965 looks on a white 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

Black Background



This preview shows how the YUV color 101.2890, 21.5495, -51.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

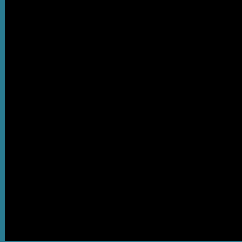
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.2890, 21.5495, -51.9965 Background



This preview shows how black text looks on a background with the YUV color 101.2890, 21.5495, -51.9965.



This preview shows how white text looks on a background with the YUV color 101.2890, 21.5495, -51.9965.

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

101.2890, 21.5495, -51.9965

Protanopia

113.3550, 11.6570, -5.5733

Deuteranopia

113.4240, 17.0460, -7.3878



Tritanopia

99.2300, 17.6346, -56.3297

Trichromacy



Original Color

101.2890, 21.5495, -51.9965

Protanomaly

108.8690, 15.3476, -22.6871

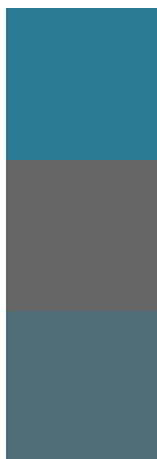
Deuteranomaly

108.7810, 18.8420, -23.4869

Tritanomaly

99.9960, 19.2290, -54.3705

Monochromacy



Original Color

101.2890, 21.5495, -51.9965

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2890, 21.5495, -51.9965 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(42, 123, 145)` looks like.

```
.text, #text, p{  
    color:rgb(42, 123, 145)  
}
```

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(42, 123, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 123, 145) }
```

Border

The CSS property to change the border of an element to YUV 101.2890, 21.5495, -51.9965 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(42, 123, 145) }
```


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

```
.border{ border-color:rgb(42, 123, 145) }
```

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

Here you see how a box with a 4 pixel rgb(42, 123, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 123, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 123, 145);  
box-shadow:4px 4px 4px 4px rgb(42, 123,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 101.2890, 21.5495, -51.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 123, 145) }
```

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

```
.background{ background-color: rgb(42, 123,  
145) }
```

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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