

Converting Colors

YUV(135.2890, 21.5495,
-51.9965)

Have a look what the booklet for
YUV(135.2890, 21.5495, -51.9965)
contains.

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Color

**YUV(135.2890, 21.5495,
-51.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9DB3
RGB	76, 157, 179
RGB Percent	30%, 62%, 70%
CMY	0.7020, 0.3843, 0.2980
CMYK	0.58, 0.12, 0.00, 0.30
HSL	193°, 40%, 50%
HSV	193°, 58%, 70%
XYZ	23.1741, 28.9051, 47.0057
YIQ	135.2890, -55.3380, -10.3300

Conversions

Conversions Part 2

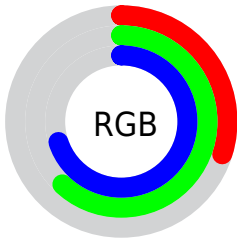
Format	Color
RYB	76, 121, 179
Decimal	5021107
CIELab	60.70, -18.23, -18.92
CIELCh	61, 26.274, 226.060
Yxy	28.9051, 0.2339, 0.2917
Android (android.graphics.Color)	4283211187 (0xFF4C9DB3)
YUV	135.2890, 21.5495, -51.9965
Hunter-Lab	53.7635, -17.1457, -14.2031

Details

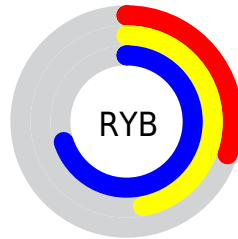
The YUV color **135.2890, 21.5495, -51.9965** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **119.7110, -21.5495, 51.9965**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0010, 21.6915, -50.8669**, and **76.5860, 24.3611, -67.1659** is the 20% darker color. If you saturate the color by 10%, you get **127.5590, 25.3604, -61.0032**, and if you desaturate by 10%, it is **143.0190, 17.7386, -42.9897**.

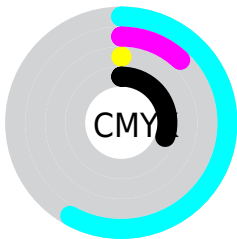
Distribution



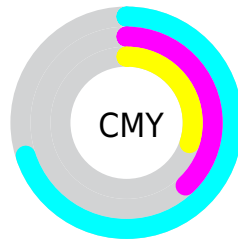
- Red (30%)
- Green (62%)
- Blue (70%)



- Red (30%)
- Yellow (47%)
- Blue (70%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2890, 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 135.2890, 21.5495, -51.9965 by changing the saturation by 10% instead.

■ 135.2890, 21.5495,
-51.9965

■ 135.2890, 21.5495,
-51.9965

■ 255.0000, 0.0000,
0.0000

■ 107.6800, 21.8498,
-54.9704

■ 191.0010, 21.6915,
-50.8669

■ 76.5860, 24.3611,
-67.1659

■ 218.3880, 18.0497,
-49.4523

■ 59.0610, 20.6759,
-51.7965

■ 235.8640, 9.4340,
-39.3457

■ 42.8240, 16.8488,
-37.5566

■ 244.5350, 5.1592,
-21.5172

■ 27.2880, 13.1690,
-23.9316

■ 253.2060, 0.8844,
-3.6887

■ 7.8710, 12.3886,
-6.9029

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 135.2890, 21.5495,
-51.9965

■ 135.2890, 21.5495,
-51.9965

■ 127.5590, 25.3604,
-61.0032

■ 143.0190, 17.7386,
-42.9897

■ 119.8290, 29.1713,
-70.0100

■ 150.7490, 13.9277,
-33.9829

■ 112.6860, 32.6928,
-79.5316

■ 157.8920, 10.4062,
-24.4613

■ 104.9560, 36.5037,
-88.5384

■ 165.6220, 6.5954,
-15.4545

■ 103.1730, 37.3827,
-90.4827

■ 173.0530, 2.9319,
-7.0625

■ 180.7830, -0.8790,
1.9443

■ 188.5130, -4.6899,
10.9511

■ 196.2430, -8.5008,
19.9579

■ 203.3860,
-12.0223, 29.4795

Harmonies

Analogous

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



134.0690, 11.7980, -50.9265



135.2890, 21.5495, -51.9965



141.1970, 24.5529, -35.2528

Triad

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



135.2890, 21.5495, -51.9965



149.6370, 4.1230, 31.0134



143.9410, -20.6769, 5.3137

Complementary

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



135.2890, 21.5495, -51.9965



119.7110, -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.



146.1220, -21.7521, 23.5720



135.2890, 21.5495, -51.9965



148.8200, -6.8133, 38.7459

Square

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



135.2890, 21.5495, -51.9965



149.5730, 14.5075, 13.5295



147.8660, -16.6959, 35.1975



141.0570, -13.3391, -14.9590

Rectangle

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



135.2890, 21.5495, -51.9965



144.9540, 23.1937, -19.2537



147.8660, -16.6959, 35.1975



144.3440, -21.8616, 11.9763

Sweetspot

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



135.2890, 21.5495, -51.9965



215.6430, 8.0640, -19.8579



138.8550, -20.6345, -55.1238



107.1880, 4.8373, -11.5659



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



135.2890, 21.5495, -51.9965



164.2020, 33.4244, -80.8612



105.9390, 36.0191, -26.2565



85.1350, 1.9054, -4.5034



87.8820, 32.1032, -77.0725



14.7040, 5.5689, -12.8954

Inverse Universe

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



116.0310, 20.1977, 55.2238



134.2040, 31.4514, 85.7671



149.0610, -36.0191, 26.2565



83.4890, 1.7309, 4.8331



59.4270, 29.8625, 82.0635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 135.2890, 21.5495, -51.9965 looks on a white background.

Color Contrast Check

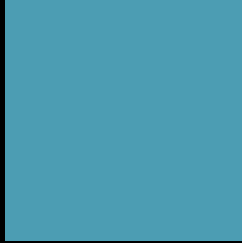
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.2890, 21.5495, -51.9965 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 135.2890, 21.5495, -51.9965 Background



This preview shows how black text looks on a background with the YUV color 135.2890, 21.5495, -51.9965.



This preview shows how white text looks on a background with the YUV color 135.2890, 21.5495, -51.9965.

-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

135.2890, 21.5495, -51.9965

Protanopia

146.0670, 11.7990, -4.4438

Deuteranopia

146.8480, 17.3299, -5.1287



Tritanopia

134.0670, 18.2080, -53.5558

Trichromacy



Original Color

135.2890, 21.5495, -51.9965

Protanomaly

142.1680, 15.2002, -22.0723

Deuteranomaly

142.4930, 18.9840, -22.3574

Tritanomaly

134.7080, 19.3710, -53.2409

Monochromacy



Original Color

135.2890, 21.5495, -51.9965

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2890, 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(76, 157, 179)` looks like.

```
.text, #text, p{  
    color:rgb(76, 157, 179)  
}
```

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(76, 157, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 157, 179) }
```

Border

The CSS property to change the border of an element to YUV 135.2890, 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(76, 157, 179) }
```


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

```
.border{ border-color:rgb(76, 157, 179) }
```

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

Here you see how a box with a 4 pixel rgb(76, 157, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 157, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 157, 179);  
box-shadow:4px 4px 4px 4px rgb(76, 157,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 135.2890, 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(76, 157, 179) }
```

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

```
.background{ background-color: rgb(76, 157,  
179) }
```

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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