

Converting Colors

YUV(98.4510, 53.0217,
-19.6895)

Have a look what the booklet for
YUV(98.4510, 53.0217, -19.6895)
contains.

YUV(98.4510, 53.0217, -19.6895)	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(98.4510, 53.0217,
-19.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	4C59CE
RGB	76, 89, 206
RGB Percent	30%, 35%, 81%
CMY	0.7020, 0.6510, 0.1922
CMYK	0.63, 0.57, 0.00, 0.19
HSL	234°, 57%, 55%
HSV	234°, 63%, 81%
XYZ	17.6934, 13.1375, 59.9958
YIQ	98.4510, -45.3050, 33.6310

Conversions

Conversions Part 2

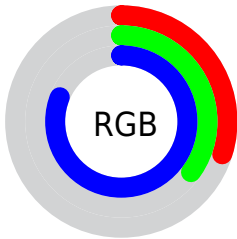
Format	Color
R_{YB}	76, 88, 206
Decimal	5003726
CIE _{Lab}	42.97, 31.31, -62.29
CIE _{LCh}	43, 69.720, 296.687
Yxy	13.1375, 0.1948, 0.1446
Android (android.graphics.Color)	4283193806 (0xFF4C59CE)
YUV	98.4510, 53.0217, -19.6895
Hunter-Lab	36.2457, 23.7055, -72.7680

Details

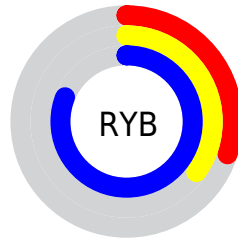
The YUV color **98.4510, 53.0217, -19.6895** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **183.5490, -53.0217, 19.6895**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6260, 50.9634, -12.8270**, and **43.0420, 53.2233, -37.7478** is the 20% darker color. If you saturate the color by 10%, you get **81.0190, 61.6156, -22.8187**, and if you desaturate by 10%, it is **115.8830, 44.4277, -16.5604**.

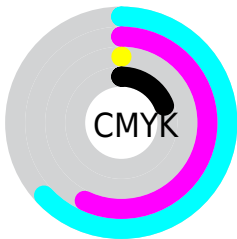
Distribution



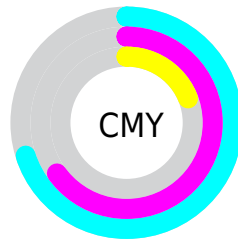
- Red (30%)
- Green (35%)
- Blue (81%)



- Red (30%)
- Yellow (35%)
- Blue (81%)



- Cyan (63%)
- Magenta (57%)
- Yellow (0%)
- Black (19%)



- Cyan (70%)
- Magenta (65%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4510, 53.0217, -19.6895 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 98.4510, 53.0217, -19.6895 by changing the saturation by 10% instead.

■ 98.4510, 53.0217,
-19.6895

■ 98.4510, 53.0217,
-19.6895

■ 255.0000, 0.0000,
0.0000

■ 70.9940, 52.7540,
-27.1817

■ 151.6260, 50.9634,
-12.8270

■ 43.0420, 53.2233,
-37.7478

■ 175.8580, 39.0170,
-7.7685

■ 28.2240, 47.2176,
-24.7524

■ 200.3780, 26.9286,
-3.8395

■ 11.7590, 42.5168,
-10.3126

■ 225.7840, 14.4035,
0.1894

■ 13.1320, 30.0079,
-11.5168

■ 251.4780, 1.7363,
3.0888

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 98.4510, 53.0217,
-19.6895

■ 98.4510, 53.0217,
-19.6895

■ 81.0190, 61.6156,
-22.8187

■ 115.8830, 44.4277,
-16.5604

■ 64.4730, 69.7728,
-25.8478

■ 132.4290, 36.2705,
-13.5312

■ 47.0410, 78.3668,
-28.9770

■ 149.8610, 27.6765,
-10.4021

■ 35.8110, 83.9032,
-31.4062

■ 166.4070, 19.5193,
-7.3729

■ 183.8390, 10.9254,
-4.2438

■ 200.6840, 2.6208,
-0.5999

■ 217.8170, -5.8258,
1.9145

■ 234.6620,
-14.1304, 5.5584

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



90.0090, 63.0996, -78.9379



98.4510, 53.0217, -19.6895



99.0600, 33.0014, 55.1984

Triad

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



98.4510, 53.0217, -19.6895



92.8060, -45.7534, 68.5761



83.9770, 4.4483, -73.6478

Complementary

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



98.4510, 53.0217, -19.6895



183.5490, -53.0217, 19.6895

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.



74.4470, -21.9124, -65.2900



98.4510, 53.0217, -19.6895



95.5100, -47.0864, 29.3707

Square

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



98.4510, 53.0217, -19.6895



84.4300, -15.0020, 98.7239



88.1580, -43.4619, -13.2936



91.2900, 29.9300, -80.0613

Rectangle

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



98.4510, 53.0217, -19.6895



86.0060, 21.6890, 90.3257



88.1580, -43.4619, -13.2936



81.1100, -3.9982, -71.1335

Sweetspot

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



98.4510, 53.0217, -19.6895



214.8200, 19.8087, -6.8581



165.6480, 13.4845, -78.6213



103.1810, 12.2358, -4.5437



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



98.4510, 53.0217, -19.6895



94.8560, 78.9510, -29.6917



106.3680, 49.1186, 18.9713



93.7270, 4.0786, -1.5146



28.9030, 67.5888, -25.3479



6.6800, 15.4408, -5.8584

Inverse Universe

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



116.3520, -13.4845, 78.6213



121.2860, -19.8610, 117.2672



175.6320, -49.1186, -18.9713



95.1040, -1.0373, 6.0478



51.5720, -17.0440, 100.3534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 98.4510, 53.0217, -19.6895 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 98.4510, 53.0217, -19.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

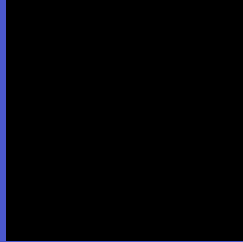
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.4510, 53.0217, -19.6895

Background



This preview shows how black text looks on a background with the YUV color 98.4510, 53.0217, -19.6895.



This preview shows how white text looks on a background with the YUV color 98.4510, 53.0217,

-19.6895.

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

98.4510, 53.0217, -19.6895

Protanopia

80.5370, 62.3463, -70.6309

Deuteranopia

80.8670, 48.3796, -70.9204



Tritanopia

87.3120, 16.6082, -53.7706

Trichromacy



Original Color

98.4510, 53.0217, -19.6895

Protanomaly

87.1480, 59.0870, -51.8728

Deuteranomaly

87.4440, 50.0671, -52.1324

Tritanomaly

91.5320, 29.8107, -41.6856

Monochromacy



Original Color

98.4510, 53.0217, -19.6895

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.2930, 19.0826, -7.2730

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4510, 53.0217, -19.6895 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, 89, 206)` looks like.

```
.text, #text, p{  
    color:rgb(76, 89, 206)  
}
```

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, 89, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 89, 206) }
```

Border

The CSS property to change the border of an element to YUV 98.4510, 53.0217, -19.6895 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, 89, 206) }
```


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

```
.border{ border-color:rgb(76, 89, 206) }
```

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

Here you see how a box with a 4 pixel rgb(76, 89, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 89, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 89, 206);  
box-shadow:4px 4px 4px 4px rgb(76, 89,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 98.4510, 53.0217, -19.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 89, 206) }
```

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

```
.background{ background-color: rgb(76, 89,  
206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor