

Converting Colors

YUV(95.8610, 44.4385,
-20.0491)

Have a look what the booklet for
YUV(95.8610, 44.4385, -20.0491)
contains.

YUV(95.8610, 44.4385, -20.0491)	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(95.8610, 44.4385,
-20.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	495ABA
RGB	73, 90, 186
RGB Percent	29%, 35%, 73%
CMY	0.7137, 0.6471, 0.2706
CMYK	0.61, 0.52, 0.00, 0.27
HSL	231°, 45%, 51%
HSV	231°, 61%, 73%
XYZ	15.2667, 12.2740, 48.0188
YIQ	95.8610, -40.9480, 26.2520

Conversions

Conversions Part 2

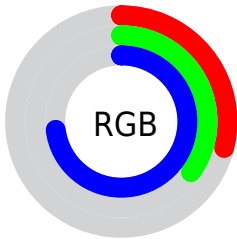
Format	Color
R_{YB}	73, 88, 186
Decimal	4807354
CIE _{Lab}	41.65, 23.31, -52.84
CIE _{LCh}	42, 57.754, 293.804
Yxy	12.2740, 0.2020, 0.1624
Android (android.graphics.Color)	4282997434 (0xFF495ABA)
YUV	95.8610, 44.4385, -20.0491
Hunter-Lab	35.0342, 16.4745, -56.7405

Details

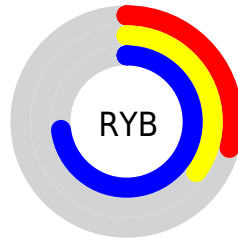
The YUV color **95.8610, 44.4385, -20.0491** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **163.1390, -44.4385, 20.0491**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0510, 46.3169, -15.8307**, and **41.4630, 44.6347, -36.3631** is the 20% darker color. If you saturate the color by 10%, you get **80.7880, 51.8695, -23.4931**, and if you desaturate by 10%, it is **110.9340, 37.0075, -16.6051**.

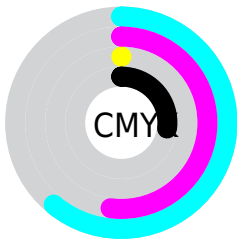
Distribution



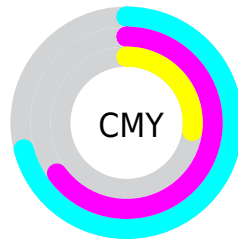
- Red (29%)
- Green (35%)
- Blue (73%)



- Red (29%)
- Yellow (35%)
- Blue (73%)



- Cyan (61%)
- Magenta (52%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (65%)
- Yellow (27%)
- Black (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8610, 44.4385, -20.0491 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 95.8610, 44.4385, -20.0491 by changing the saturation by 10% instead.

■ 95.8610, 44.4385,
-20.0491

■ 95.8610, 44.4385,
-20.0491

■ 255.0000, 0.0000,
0.0000

■ 69.4150, 44.1654,
-25.7970

■ 149.0510, 46.3169,
-15.8307

■ 41.4630, 44.6347,
-36.3631

■ 174.3520, 39.7595,
-12.5867

■ 26.7590, 39.0658,
-23.4676

■ 198.8720, 27.6711,
-8.6577

■ 9.2340, 35.3806,
-8.0982

■ 223.9790, 15.2934,
-5.2436

■ 9.4330, 23.4505,
-8.2727

■ 249.9720, 2.4788,
-1.7294

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 95.8610, 44.4385,
-20.0491

■ 95.8610, 44.4385,
-20.0491

■ 80.7880, 51.8695,
-23.4931

■ 110.9340, 37.0075,
-16.6051

■ 66.0140, 59.1531,
-26.3223

■ 125.7080, 29.7240,
-13.7759

■ 51.5280, 66.2947,
-30.2811

■ 140.1940, 22.5824,
-9.8171

■ 37.6400, 73.1415,
-33.0103

■ 154.9680, 15.2988,
-6.9879

■ 170.0410, 7.8678,
-3.5440

■ 185.1140, 0.4368,
-0.1000

■ 199.8880, -6.8468,
2.7292

■ 214.3740,
-13.9884, 6.6880

■ 229.1480,
-21.2720, 9.5172

Harmonies

Analogous

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



84.8110, 53.3372, -74.3792



95.8610, 44.4385, -20.0491



99.7670, 27.2299, 39.6693

Triad

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



95.8610, 44.4385, -20.0491



92.3410, -37.1431, 60.2139



79.7710, 3.5639, -69.9592

Complementary

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



95.8610, 44.4385, -20.0491



163.1390, -44.4385, 20.0491

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.



71.7230, -17.1184, -62.9011



95.8610, 44.4385, -20.0491



92.5640, -45.6341, 30.2004

Square

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



95.8610, 44.4385, -20.0491



89.7650, -13.1951, 79.1361



87.6260, -43.1996, -4.0570



85.2430, 24.5302, -74.7581

Rectangle

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



95.8610, 44.4385, -20.0491



94.2450, 15.6552, 65.5601



87.6260, -43.1996, -4.0570



77.2460, -3.5723, -67.7447

Sweetspot

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



95.8610, 44.4385, -20.0491



207.4240, 17.0460, -7.3878



150.0470, 8.3578, -67.5702



101.0130, 10.3466, -5.2734



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



95.8610, 44.4385, -20.0491



101.0270, 69.4997, -31.5957



97.2440, 43.7567, 12.0640



84.6130, 3.6418, -1.4146



31.2850, 61.4845, -27.4369



5.5400, 11.0728, -4.8586

Inverse Universe

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



108.7250, -9.2314, 67.7702



121.0010, -14.2975, 106.1161



161.7560, -43.7567, -12.0640



85.8050, -0.8899, 5.4330



49.2660, -12.9491, 93.6057



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 95.8610, 44.4385, -20.0491 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 95.8610, 44.4385, -20.0491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

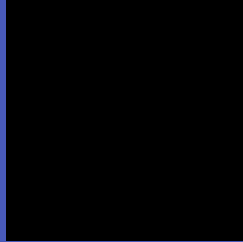
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8610, 44.4385, -20.0491

Background



This preview shows how black text looks on a background with the YUV color 95.8610, 44.4385, -20.0491.



This preview shows how white text looks on a background with the YUV color 95.8610, 44.4385, -20.0491.

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

95.8610, 44.4385, -20.0491

Protanopia

89.4990, 50.0400, -43.4106

Deuteranopia

78.6500, 47.5006, -68.9760



Tritanopia

87.9930, 13.8075, -42.0899

Trichromacy



Original Color

95.8610, 44.4385, -20.0491

Protanomaly

91.6850, 47.9763, -34.8037

Deuteranomaly

84.8310, 46.4253, -50.7178

Tritanomaly

90.9090, 24.6949, -34.1232

Monochromacy



Original Color

95.8610, 44.4385, -20.0491

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1960, 16.1724, -7.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8610, 44.4385, -20.0491 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(73, 90, 186)` looks like.

```
.text, #text, p{  
    color:rgb(73, 90, 186)  
}
```

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(73, 90, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 90, 186) }
```

Border

The CSS property to change the border of an element to YUV 95.8610, 44.4385, -20.0491 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(73, 90, 186) }
```


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

```
.border{ border-color:rgb(73, 90, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 90, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 90, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 90, 186);  
box-shadow:4px 4px 4px 4px rgb(73, 90,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 95.8610, 44.4385, -20.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 90, 186) }
```

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

```
.background{ background-color: rgb(73, 90,  
186) }
```

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