

Converting Colors

YUV(93.9950, 47.8235,
-32.4446)

Have a look what the booklet for
YUV(93.9950, 47.8235, -32.4446)
contains.

YUV(93.9950, 47.8235, -32.4446)	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(93.9950, 47.8235,
-32.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	395EBF
RGB	57, 94, 191
RGB Percent	22%, 37%, 75%
CMY	0.7765, 0.6314, 0.2510
CMYK	0.70, 0.51, 0.00, 0.25
HSL	223°, 54%, 49%
HSV	223°, 70%, 75%
XYZ	15.0940, 12.6369, 50.9338
YIQ	93.9950, -53.1890, 22.3230

Conversions

Conversions Part 2

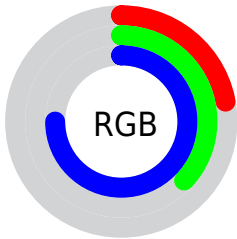
Format	Color
RYB	57, 86, 191
Decimal	3759807
CIELab	42.21, 19.86, -54.89
CIELCh	42, 58.372, 289.886
Yxy	12.6369, 0.1919, 0.1606
Android (android.graphics.Color)	4281949887 (0xFF395EBF)
YUV	93.9950, 47.8235, -32.4446
Hunter-Lab	35.5484, 13.5824, -60.0671

Details

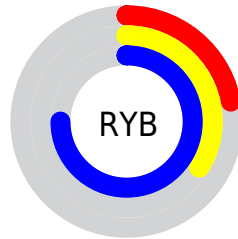
The YUV color **93.9950, 47.8235, -32.4446** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **154.0050, -47.8235, 32.4446**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6800, 48.9648, -25.1524**, and **44.3810, 45.6612, -38.9221** is the 20% darker color. If you saturate the color by 10%, you get **80.0960, 54.6757, -36.9182**, and if you desaturate by 10%, it is **107.8940, 40.9713, -27.9710**.

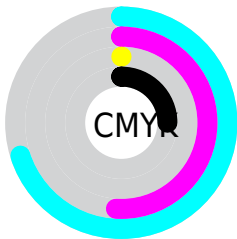
Distribution



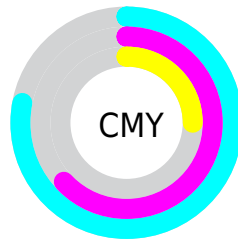
- Red (22%)
- Green (37%)
- Blue (75%)



- Red (22%)
- Yellow (34%)
- Blue (75%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9950, 47.8235, -32.4446 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 93.9950, 47.8235, -32.4446 by changing the saturation by 10% instead.

■ 93.9950, 47.8235,
-32.4446

■ 93.9950, 47.8235,
-32.4446

255.0000, 0.0000,
0.0000

■ 62.3520, 49.6195,
-48.5437

■ 148.6800, 48.9648,
-25.1524

■ 44.3810, 45.6612,
-38.9221

■ 173.4110, 40.2234,
-21.4084

■ 29.6770, 40.0922,
-26.0267

■ 197.9310, 28.1350,
-17.4795

■ 12.1520, 36.4071,
-10.6573

■ 223.3370, 15.6099,
-13.4505

■ 10.4760, 24.9083,
-9.1875

■ 249.3300, 2.7953,
-9.9364

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 93.9950, 47.8235,
-32.4446

■ 93.9950, 47.8235,
-32.4446

■ 80.0960, 54.6757,
-36.9182

■ 107.8940, 40.9713,
-27.9710

■ 66.1970, 61.5279,
-41.3918

■ 121.7930, 34.1191,
-23.4975

■ 52.8850, 68.0907,
-46.3801

■ 135.1050, 27.5562,
-18.5091

■ 149.0040, 20.7040,
-14.0355

■ 163.2020, 13.7044,
-8.9472

■ 177.1010, 6.8522,
-4.4736

■ 191.0000, 0.0000,
0.0000

■ 204.8990, -6.8522,
4.4736

■ 218.2110,
-13.4150, 9.4620

Harmonies

Analogous

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



86.8000, 53.3426, -76.1236



93.9950, 47.8235, -32.4446



101.4180, 29.8669, 33.8364

Triad

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



93.9950, 47.8235, -32.4446



93.7590, -34.3912, 64.2324



79.6740, 0.6537, -69.8741

Complementary

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



93.9950, 47.8235, -32.4446



154.0050, -47.8235, 32.4446

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.



76.4100, -22.3871, -52.9796



93.9950, 47.8235, -32.4446



94.0700, -46.3765, 35.0186

Square

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



93.9950, 47.8235, -32.4446



90.8730, -10.2904, 80.7954



89.7190, -44.2315, 0.2464



85.9610, 22.2042, -75.3878

Rectangle

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



93.9950, 47.8235, -32.4446



97.2060, 18.1394, 62.0863



89.7190, -44.2315, 0.2464



77.1490, -6.4825, -67.6597

Sweetspot

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



93.9950, 47.8235, -32.4446



209.7330, 18.3726, -12.9208



146.6020, 3.1542, -78.5810



102.2300, 11.2256, -7.2177



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



93.9950, 47.8235, -32.4446



97.0570, 73.9219, -50.0390



80.9470, 54.2561, 4.4315



87.7870, 3.0630, -2.4442



43.8400, 56.2809, -38.4477



8.2300, 11.2256, -7.2177

Inverse Universe

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



101.2840, -3.5910, 78.6809



108.3910, -5.6158, 121.5601



167.0530, -54.2561, -4.4315



88.0330, -0.0163, 5.2331



52.2580, -4.0712, 92.7357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 93.9950, 47.8235, -32.4446 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 93.9950, 47.8235, -32.4446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

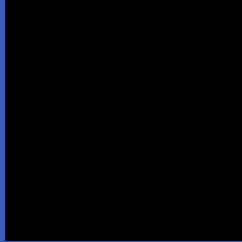
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9950, 47.8235, -32.4446

Background



This preview shows how black text looks on a background with the YUV color 93.9950, 47.8235, -32.4446.



This preview shows how white text looks on a background with the YUV color 93.9950, 47.8235, -32.4446.

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

93.9950, 47.8235, -32.4446

Protanopia

90.6130, 50.4768, -43.5106

Deuteranopia

79.4650, 48.0848, -69.6908



Tritanopia

78.1360, 20.1460, -68.5253

Trichromacy



Original Color

93.9950, 47.8235, -32.4446

Protanomaly

91.7060, 49.4449, -39.2072

Deuteranomaly

84.5530, 48.0414, -55.7360

Tritanomaly

83.8570, 30.1435, -55.1256

Monochromacy



Original Color

93.9950, 47.8235, -32.4446

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1030, 17.2042, -11.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9950, 47.8235, -32.4446 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(57, 94, 191)` looks like.

```
.text, #text, p{  
    color:rgb(57, 94, 191)  
}
```

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(57, 94, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 94, 191) }
```

Border

The CSS property to change the border of an element to YUV 93.9950, 47.8235, -32.4446 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(57, 94, 191) }
```


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

```
.border{ border-color:rgb(57, 94, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 94, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 94, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 94, 191);  
box-shadow:4px 4px 4px 4px rgb(57, 94,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 93.9950, 47.8235, -32.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 94, 191) }
```

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

```
.background{ background-color: rgb(57, 94,  
191) }
```

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