

Converting Colors

YUV(95.0660, 47.2955, 43.7921)

Have a look what the booklet for
YUV(95.0660, 47.2955, 43.7921)
contains.

| | |
|--|----|
| YUV(95.0660, 47.2955, 43.7921) | 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(95.0660, 47.2955,
43.7921)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9133BF |
| RGB | 145, 51, 191 |
| RGB Percent | 57%, 20%, 75% |
| CMY | 0.4314, 0.8000, 0.2510 |
| CMYK | 0.24, 0.73, 0.00, 0.25 |
| HSL | 280°, 58%, 47% |
| HSV | 280°, 73%, 75% |
| XYZ | 22.2649, 12.1490, 50.4617 |
| YIQ | 95.0660, 11.0840, 63.4680 |

Conversions

Conversions Part 2

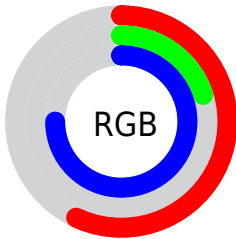
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 145, 51, 191 |
| Decimal | 9515967 |
| CIE Lab | 41.45, 60.58, -55.72 |
| CIE LCh | 41, 82.311, 317.396 |
| Yxy | 12.1490, 0.2623, 0.1431 |
| Android (android.graphics.Color) | 4287706047 (0xFF9133BF) |
| YUV | 95.0660, 47.2955, 43.7921 |
| Hunter-Lab | 34.8554, 53.0249, -61.4380 |

Details

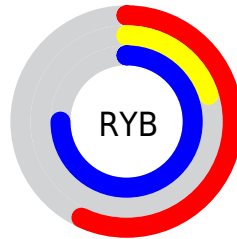
The YUV color **95.0660, 47.2955, 43.7921** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **146.9340, -47.2955, -43.7921**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1910, 47.7268, 45.4365**, and **42.1150, 46.2853, 41.1181** is the 20% darker color. If you saturate the color by 10%, you get **82.1190, 53.6783, 49.8846**, and if you desaturate by 10%, it is **108.0130, 40.9126, 37.6996**.

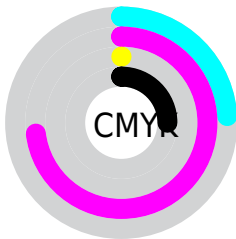
Distribution



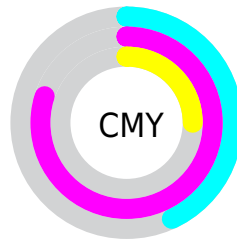
- Red (57%)
- Green (20%)
- Blue (75%)



- Red (57%)
- Yellow (20%)
- Blue (75%)



- Cyan (24%)
- Magenta (73%)
- Yellow (0%)
- Black (25%)



- Cyan (43%)
- Magenta (80%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0660, 47.2955, 43.7921 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 95.0660, 47.2955, 43.7921 by changing the saturation by 10% instead.

95.0660, 47.2955,
43.7921

95.0660, 47.2955,
43.7921

255.0000, 0.0000,
0.0000

63.5440, 49.0318,
46.8809

151.1910, 47.7268,
45.4365

42.1150, 46.2853,
41.1181

176.5090, 38.6961,
48.6656

30.7790, 39.0560,
26.5038

199.8220, 27.2028,
48.3911

19.8560, 32.1160,
12.4043

216.2580, 19.0998,
33.9767

6.9540, 26.6447,
-6.0987

233.2810, 10.7075,
19.0476

6.0930, 15.7302,
-5.3436

250.3040, 2.3151,

2.2970, 6.2626,

4.1184

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 95.0660, 47.2955,
43.7921

■ 95.0660, 47.2955,
43.7921

■ 82.1190, 53.6783,
49.8846

■ 108.0130, 40.9126,
37.6996

■ 68.8730, 60.2086,
55.3624

■ 121.2590, 34.3823,
32.2219

■ 60.0460, 64.5603,
59.5957

■ 134.2060, 27.9994,
26.1293

■ 147.1530, 21.6166,
20.0368

■ 160.6870, 14.9443,
13.4295

■ 173.9330, 8.4140,
7.9518

■ 186.8800, 2.0312,
1.8592

■ 199.8270, -4.3517,
-4.2333

■ 212.7740,
-10.7346, -10.3258

Harmonies

Analogous

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



81.3980, 73.2608, -71.3860



95.0660, 47.2955, 43.7921



74.2070, 27.0129, 109.4435

Triad

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



95.0660, 47.2955, 43.7921



92.6520, -45.6774, 44.1552



88.4060, 23.9568, -77.5321

Complementary

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



95.0660, 47.2955, 43.7921



146.9340, -47.2955, -43.7921

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.



79.7250, -6.7664, -69.9188



95.0660, 47.2955, 43.7921



87.6260, -43.1996, -4.0570

Square

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



95.0660, 47.2955, 43.7921



79.9800, -39.4301, 93.8565



69.2660, -34.1481, -60.7463



94.7730, 50.8909, -83.1159

Rectangle

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



95.0660, 47.2955, 43.7921



72.4800, 6.1724, 120.6050



69.2660, -34.1481, -60.7463



85.7840, 13.9105, -75.2326

Sweetspot

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



95.0660, 47.2955, 43.7921



209.9200, 18.2804, 16.7332



94.5490, 47.5503, -38.1925



102.3400, 11.1714, 10.2258



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.



95.0660, 47.2955, 43.7921



98.3920, 73.2637, 68.0622



106.1980, 30.4684, 74.3714



87.8200, 3.0467, 2.7889



49.7060, 53.3889, 49.3698



9.8130, 10.4452, 9.8110

Inverse Universe

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



98.1040, -0.5443, 81.4698



102.9770, -0.9747, 126.3082



135.8020, -30.4684, -74.3714



88.0330, -0.0163, 5.2331



53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 95.0660, 47.2955, 43.7921 looks on a white background.

Color Contrast Check

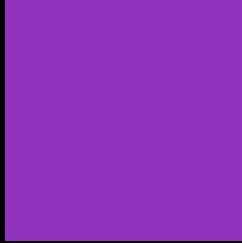
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.0660, 47.2955, 43.7921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

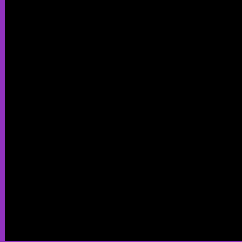
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 95.0660, 47.2955, 43.7921

Background



This preview shows how black text looks on a background with the YUV color 95.0660, 47.2955, 43.7921.



This preview shows how white text looks on a background with the YUV color 95.0660, 47.2955,

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

95.0660, 47.2955, 43.7921

Protanopia

78.6790, 60.3043, -69.0015

Deuteranopia

78.8780, 48.3741, -69.1760



Tritanopia

99.6550, -3.2809, 25.7356

Trichromacy



Original Color

95.0660, 47.2955, 43.7921

Protanomaly

84.6780, 55.3747, -27.7816

Deuteranomaly

84.7290, 47.9546, -27.8263

Tritanomaly

97.9220, 15.3215, 32.5174

Monochromacy



Original Color

95.0660, 47.2955, 43.7921

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9800, 17.2649, 15.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0660, 47.2955, 43.7921 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(145, 51, 191)` looks like.

```
.text, #text, p{  
    color:rgb(145, 51, 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(145, 51, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 51, 191) }
```

Border

The CSS property to change the border of an element to YUV 95.0660, 47.2955, 43.7921 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(145, 51, 191) }
```


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

```
.border{ border-color:rgb(145, 51, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 51, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 51, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 51, 191);  
box-shadow:4px 4px 4px 4px rgb(145, 51,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 95.0660, 47.2955, 43.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 51, 191) }
```

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

```
.background{ background-color: rgb(145, 51,  
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