

Converting Colors

YUV(93.0620, 12.7874, 5.2076)

Have a look what the booklet for
YUV(93.0620, 12.7874, 5.2076)
contains.

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Color

**YUV(93.0620, 12.7874,
5.2076)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 635577 |
| RGB | 99, 85, 119 |
| RGB Percent | 39%, 33%, 47% |
| CMY | 0.6118, 0.6667, 0.5333 |
| CMYK | 0.17, 0.29, 0.00, 0.53 |
| HSL | 265°, 17%, 40% |
| HSV | 265°, 29%, 47% |
| XYZ | 11.7239, 10.4816, 18.8580 |
| YIQ | 93.0620, -2.5700, 13.5420 |

Conversions

Conversions Part 2

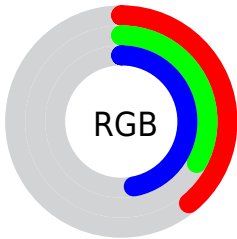
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 99, 85, 119 |
| Decimal | 6509943 |
| CIE _{Lab} | 38.69, 13.15, -17.18 |
| CIE _{LCh} | 39, 21.637, 307.419 |
| Yxy | 10.4816, 0.2855, 0.2553 |
| Android (android.graphics.Color) | 4284700023 (0xFF635577) |
| YUV | 93.0620, 12.7874, 5.2076 |
| Hunter-Lab | 32.3752, 7.9826, -11.8727 |

Details

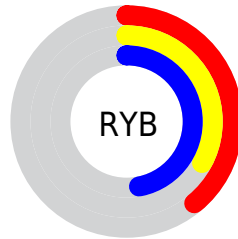
The YUV color **93.0620, 12.7874, 5.2076** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.9380, -12.7874, -5.2076**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5890, 13.5136, 5.6224**, and **47.0080, 11.3351, 4.3780** is the 20% darker color. If you saturate the color by 10%, you get **83.9250, 17.2920, 7.0818**, and if you desaturate by 10%, it is **102.1990, 8.2829, 3.3335**.

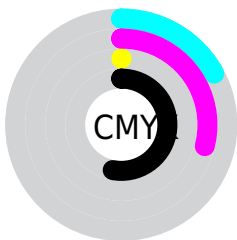
Distribution



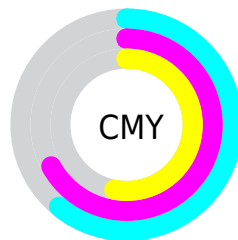
- Red (39%)
- Green (33%)
- Blue (47%)



- Red (39%)
- Yellow (33%)
- Blue (47%)



- Cyan (17%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (61%)
- Magenta (67%)
- Yellow (53%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.0620, 12.7874, 5.2076 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 93.0620, 12.7874, 5.2076 by changing the saturation by 10% instead.

93.0620, 12.7874,
5.2076

93.0620, 12.7874,
5.2076

255.0000, 0.0000,
0.0000

69.5350, 12.0612,
4.7928

143.5890, 13.5136,
5.6224

47.0080, 11.3351,
4.3780

170.1160, 14.2398,
6.0373

25.5950, 11.0457,
3.8632

197.5290, 14.5292,
6.5521

3.6760, 11.4987,
-1.4699

225.5290, 14.5292,
6.5521

0.0000, 0.0000,
0.0000

248.5430, 3.1833,
5.6628

■ 93.0620, 12.7874,
5.2076

■ 93.0620, 12.7874,
5.2076

■ 83.9250, 17.2920,
7.0818

■ 102.1990, 8.2829,
3.3335

■ 74.7880, 21.7965,
8.9559

■ 111.3360, 3.7784,
1.4593

■ 65.6510, 26.3011,
10.8301

■ 120.4730, -0.7262,
-0.4148

■ 56.5140, 30.8056,
12.7042

■ 129.6100, -5.2307,
-2.2890

■ 47.3770, 35.3101,
14.5784

■ 138.1600, -9.4459,
-3.6483

■ 38.8270, 39.5253,
15.9377

■ 147.2970,
-13.9504, -5.5225

■ 29.6900, 44.0298,
17.8119


■ 156.4340,
-18.4550, -7.3966

■ 28.2170, 44.7560,

■ 165.5710,

18.2267

-22.9595, -9.2708

 174.7080,
-27.4640, -11.1449

Harmonies

Analogous

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



89.9070, 17.7938, -13.9504



93.0620, 12.7874, 5.2076



93.9130, 5.4659, 20.2473

Triad

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



93.0620, 12.7874, 5.2076



90.7070, -15.6316, 20.4280



81.4790, 6.6659, -38.1311

Complementary

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



93.0620, 12.7874, 5.2076



110.9380, -12.7874, -5.2076

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.



85.1190, -4.0027, -22.9064



93.0620, 12.7874, 5.2076



89.4020, -16.4672, 8.4174

Square

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



93.0620, 12.7874, 5.2076



92.1300, -10.4171, 27.9500



87.4540, -12.0558, -6.5372



80.1390, 15.7075, -44.8489

Rectangle

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



93.0620, 12.7874, 5.2076



93.4640, -0.2288, 26.7801



87.4540, -12.0558, -6.5372



82.5890, 3.1606, -33.8426

Sweetspot

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



93.0620, 12.7874, 5.2076



145.0910, 5.3781, 1.6742



100.6160, 9.0633, -13.6952



72.2220, 3.3416, 1.5593



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



93.0620, 12.7874, 5.2076



115.3210, 20.0547, 7.6115



98.1450, 10.2815, 15.6588



54.2820, 2.3260, 0.6297



28.8580, 45.9190, 18.5415



59.2970, 94.0166, 38.3275

Inverse Universe

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



97.4460, 3.7241, 18.9029



122.3810, 5.7282, 29.4839



105.8550, -10.2815, -15.6588



55.1360, 0.4260, 3.3887



44.6860, 13.4658, 67.8044



91.5080, 27.3576, 138.9975

Previews

White Background



This preview shows how the YUV color 93.0620, 12.7874, 5.2076 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 93.0620, 12.7874, 5.2076 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 93.0620, 12.7874, 5.2076

Background



This preview shows how black text looks on a background with the YUV color 93.0620, 12.7874, 5.2076.

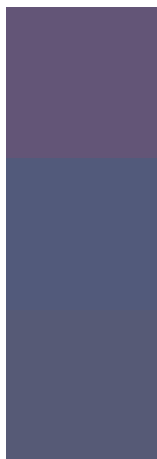


This preview shows how white text looks on a background with the YUV color 93.0620, 12.7874,

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

93.0620, 12.7874, 5.2076

Protanopia

91.3700, 15.5936, -8.2175

Deuteranopia

91.9960, 12.8200, -5.2585



Tritanopia

91.5920, 2.1731, 2.9888

Trichromacy



Original Color

93.0620, 12.7874, 5.2076

Protanomaly

91.8760, 14.8511, -3.3993

Deuteranomaly

92.3170, 12.6617, -1.1550

Tritanomaly

92.2160, 5.8095, 3.3186

Monochromacy



Original Color

93.0620, 12.7874, 5.2076

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0620, 12.7874, 5.2076 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(99, 85, 119)` looks like.

```
.text, #text, p{  
    color:rgb(99, 85, 119)  
}
```

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(99, 85, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 85, 119) }
```

Border

The CSS property to change the border of an element to YUV 93.0620, 12.7874, 5.2076 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(99, 85, 119) }
```


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

```
.border{ border-color:rgb(99, 85, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 85, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 85, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 85, 119);  
box-shadow:4px 4px 4px 4px rgb(99, 85,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 93.0620, 12.7874, 5.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 85, 119) }
```

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

```
.background{ background-color: rgb(99, 85,  
119) }
```

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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