

Converting Colors

YUV(95.0380, 12.3063,
-27.2203)

Have a look what the booklet for
YUV(95.0380, 12.3063, -27.2203)
contains.

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Color

**YUV(95.0380, 12.3063,
-27.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	406A78
RGB	64, 106, 120
RGB Percent	25%, 42%, 47%
CMY	0.7490, 0.5843, 0.5294
CMYK	0.47, 0.12, 0.00, 0.53
HSL	195°, 30%, 36%
HSV	195°, 47%, 47%
XYZ	10.6586, 12.7541, 19.6693
YIQ	95.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

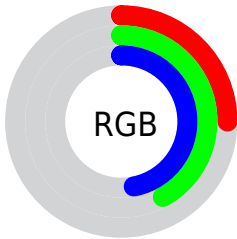
Format	Color
RYB	64, 88, 120
Decimal	4221560
CIELab	42.39, -10.57, -12.39
CIELCh	42, 16.282, 229.528
Yxy	12.7541, 0.2474, 0.2960
Android (android.graphics.Color)	4282411640 (0xFF406A78)
YUV	95.0380, 12.3063, -27.2203
Hunter-Lab	35.7129, -9.2241, -7.6557

Details

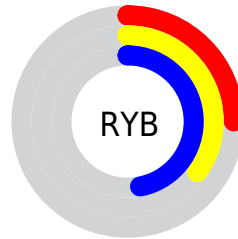
The YUV color **95.0380, 12.3063, -27.2203** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.9620, -12.3063, 27.2203**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1520, 12.7431, -27.3203**, and **45.8310, 12.9013, -31.4238** is the 20% darker color. If you saturate the color by 10%, you get **89.6890, 14.9433, -33.0533**, and if you desaturate by 10%, it is **100.3870, 9.6692, -21.3874**.

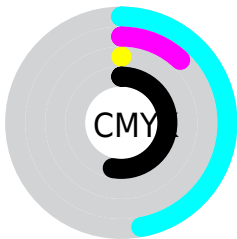
Distribution



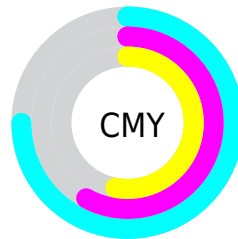
- Red (25%)
- Green (42%)
- Blue (47%)



- Red (25%)
- Yellow (35%)
- Blue (47%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (75%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0380, 12.3063, -27.2203 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 95.0380, 12.3063, -27.2203 by changing the saturation by 10% instead.

■ 95.0380, 12.3063,
-27.2203

■ 95.0380, 12.3063,
-27.2203

■ 255.0000, 0.0000,
0.0000

■ 70.6250, 12.0169,
-27.7351

■ 146.1520, 12.7431,
-27.3203

■ 45.8310, 12.9013,
-31.4238

■ 173.2660, 13.1799,
-27.4203

■ 27.3050, 10.6956,
-23.9465

■ 200.9670, 13.3273,
-28.0351

■ 13.1710, 7.3107,
-11.5510

■ 228.5540, 13.0379,
-28.5499

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,
-18.4433

254.7010, 0.1474,

-0.6148

■ 95.0380, 12.3063,
-27.2203

■ 95.0380, 12.3063,
-27.2203

■ 89.6890, 14.9433,
-33.0533

■ 100.3870, 9.6692,
-21.3874

■ 84.3400, 17.5804,
-38.8862

■ 105.7360, 7.0322,
-15.5545

■ 78.9910, 20.2174,
-44.7191

■ 111.0850, 4.3951,
-9.7215

■ 73.6420, 22.8545,
-50.5520

■ 116.4340, 1.7580,
-3.8886

■ 68.2930, 25.4916,
-56.3850

■ 121.7830, -0.8790,
1.9443

■ 66.5100, 26.3706,
-58.3293

■ 127.1320, -3.5161,
7.7772

■ 132.4810, -6.1531,
13.6102

■ 137.8300, -8.7902,
19.4431

■ 143.1790,
-11.4272, 25.2760

Harmonies

Analogous

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



94.3600, 7.2175, -28.3797



95.0380, 12.3063, -27.2203



98.1470, 13.7315, -17.6689

Triad

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



95.0380, 12.3063, -27.2203



102.4630, 1.2507, 18.8879



98.6230, -11.6461, 2.0846

Complementary

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



95.0380, 12.3063, -27.2203



88.9620, -12.3063, 27.2203

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.



100.0480, -12.8417, 12.2359



95.0380, 12.3063, -27.2203



102.1770, -5.0173, 22.6468

Square

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



95.0380, 12.3063, -27.2203



102.4170, 7.6824, 9.2813



100.7870, -10.2480, 20.3578



96.6970, -7.2456, -9.3813

Rectangle

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



95.0380, 12.3063, -27.2203



99.9740, 12.8308, -8.7472



100.7870, -10.2480, 20.3578



99.4170, -12.5306, 5.7733

Sweetspot

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



95.0380, 12.3063, -27.2203



145.9000, 4.9793, -10.4363



98.4680, -10.0907, -30.2284



73.3520, 2.7845, -6.4477



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.



95.0380, 12.3063, -27.2203



116.7740, 19.3384, -42.7748



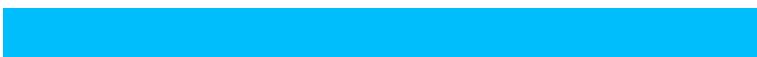
78.6020, 20.4092, -12.8060



58.6190, 1.1738, -3.1739



69.4280, 27.3970, -60.8884



139.6710, 55.3782, -122.4915

Inverse Universe

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



85.5320, 10.0907, 30.2284



101.8360, 15.8569, 47.5018



105.3980, -20.4092, 12.8060



57.3640, 1.2995, 3.1888



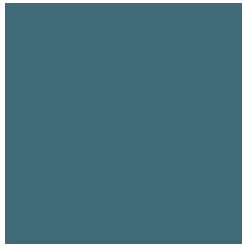
48.0910, 22.6331, 67.4492



96.8940, 45.4083, 136.0280

Previews

White Background



This preview shows how the YUV color 95.0380, 12.3063, -27.2203 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 95.0380, 12.3063, -27.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

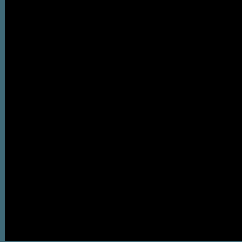
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0380, 12.3063, -27.2203

Background



This preview shows how black text looks on a background with the YUV color 95.0380, 12.3063, -27.2203.



This preview shows how white text looks on a background with the YUV color 95.0380, 12.3063,

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

95.0380, 12.3063, -27.2203

Protanopia

100.2260, 7.2836, -2.8292

Deuteranopia

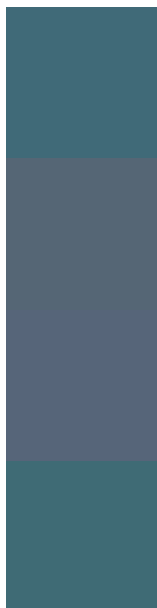
100.7360, 10.4832, -2.3995



Tritanopia

94.7560, 9.9803, -27.8500

Trichromacy



Original Color

95.0380, 12.3063, -27.2203

Protanomaly

98.6270, 9.0579, -11.9509

Deuteranomaly

98.7950, 10.9471, -11.2212

Tritanomaly

94.9840, 10.8539, -28.0500

Monochromacy



Original Color

95.0380, 12.3063, -27.2203

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0380, 12.3063, -27.2203 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(64, 106, 120)` looks like.

```
.text, #text, p{  
    color:rgb(64, 106, 120)  
}
```

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(64, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 106, 120) }
```

Border

The CSS property to change the border of an element to YUV 95.0380, 12.3063, -27.2203 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(64, 106, 120) }
```


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

```
.border{ border-color:rgb(64, 106, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(64, 106,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 95.0380, 12.3063, -27.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 106, 120) }
```

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

```
.background{ background-color: rgb(64, 106,  
120) }
```

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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