

Converting Colors

YUV(104.2180, 9.2595,
-30.0092)

Have a look what the booklet for
YUV(104.2180, 9.2595, -30.0092)
contains.

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Color

**YUV(104.2180, 9.2595,
-30.0092)**

Conversions

Conversions Part 1

Format	Color
Hex	46767B
RGB	70, 118, 123
RGB Percent	27%, 46%, 48%
CMY	0.7255, 0.5373, 0.5176
CMYK	0.43, 0.04, 0.00, 0.52
HSL	186°, 27%, 38%
HSV	186°, 43%, 48%
XYZ	12.5794, 15.6890, 21.1042
YIQ	104.2180, -30.2130, -8.6210

Conversions

Conversions Part 2

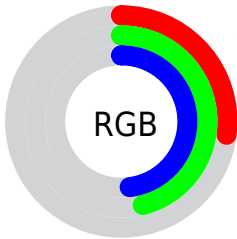
Format	Color
RYB	70, 95, 123
Decimal	4617851
CIELab	46.56, -14.87, -7.88
CIELCh	47, 16.823, 207.914
Yxy	15.6890, 0.2548, 0.3178
Android (android.graphics.Color)	4282807931 (0xFF46767B)
YUV	104.2180, 9.2595, -30.0092
Hunter-Lab	39.6094, -12.6273, -3.8636

Details

The YUV color **104.2180, 9.2595, -30.0092** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.7820, -9.2595, 30.0092**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9190, 9.4069, -30.6240**, and **54.6090, 9.5598, -32.9831** is the 20% darker color. If you saturate the color by 10%, you get **100.0430, 11.3178, -36.8717**, and if you desaturate by 10%, it is **108.3930, 7.2013, -23.1467**.

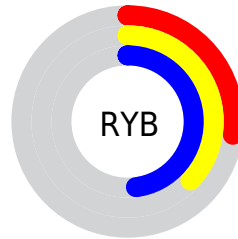
Distribution



Red (27%)

Green (46%)

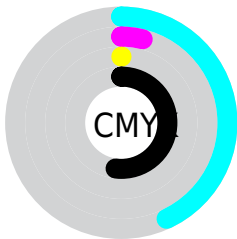
Blue (48%)



Red (27%)

Yellow (37%)

Blue (48%)

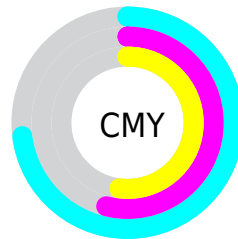


Cyan (43%)

Magenta (4%)

Yellow (0%)

Black (52%)



Cyan (73%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2180, 9.2595, -30.0092 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 104.2180, 9.2595, -30.0092 by changing the saturation by 10% instead.

■ 104.2180, 9.2595,
-30.0092

■ 104.2180, 9.2595,
-30.0092

■ 255.0000, 0.0000,
0.0000

■ 79.2180, 9.2595,
-30.0092

■ 155.9190, 9.4069,
-30.6240

■ 54.6090, 9.5598,
-32.9831

■ 183.6200, 9.5543,
-31.2387

■ 33.5170, 9.1121,
-29.3944

■ 211.3210, 9.7017,
-31.8535

■ 19.3830, 5.7272,
-16.9989

■ 238.8650, 7.9546,
-31.4536

■ 0.5700, 2.1840,
-0.4999

■ 248.1230, 3.3904,
-14.1399

■ 0.0000, 0.0000,
0.0000

■ 104.2180, 9.2595,
-30.0092

■ 104.2180, 9.2595,
-30.0092

■ 100.0430, 11.3178,
-36.8717

■ 108.3930, 7.2013,
-23.1467

■ 95.5690, 13.5235,
-44.3490

■ 112.8670, 4.9956,
-15.6694

■ 91.3940, 15.5818,
-51.2115

■ 117.0420, 2.9373,
-8.8068

■ 86.6320, 17.9294,
-57.5593

■ 121.8040, 0.5896,
-2.4591

■ 82.1580, 20.1351,
-65.0366

■ 126.2780, -1.6161,
5.0182

■ 79.1790, 21.6038,
-69.4400

■ 130.4530, -3.6743,
11.8807

■ 134.6280, -5.7326,
18.7432

■ 138.8030, -7.7909,

25.6058

■ 143.2770, -9.9966,
33.0831

Harmonies

Analogous

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



104.7150, 2.1125, -24.3061



104.2180, 9.2595, -30.0092



106.0920, 13.7586, -26.3907

Triad

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



104.2180, 9.2595, -30.0092



113.0970, 6.3612, 13.0699



109.8090, -13.7098, 10.6915

Complementary

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



104.2180, 9.2595, -30.0092



88.7820, -9.2595, 30.0092

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.



110.7330, -11.7004, 19.5282



104.2180, 9.2595, -30.0092



112.4310, -0.2125, 21.5470

Square

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



104.2180, 9.2595, -30.0092



111.3880, 11.6407, -0.3403



112.0200, -6.9119, 23.6615



108.0140, -11.3459, -0.8893

Rectangle

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



104.2180, 9.2595, -30.0092



107.7770, 14.8999, -19.0984



112.0200, -6.9119, 23.6615



109.9450, -13.2839, 14.0802

Sweetspot

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



104.2180, 9.2595, -30.0092



153.5470, 3.6743, -11.8807



101.5670, -13.5905, -27.6843



76.9390, 2.4951, -6.9625



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



104.2180, 9.2595, -30.0092



131.1880, 14.6973, -47.5229



88.9560, 16.7837, -16.6244



59.2060, 0.8844, -3.6887



80.5810, 21.8986, -70.6695



163.1510, 43.8026, -143.0834

Inverse Universe

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



91.3190, 13.1537, 27.7842



110.7800, 20.8145, 44.0429



104.0440, -16.7837, 16.6244



57.4780, 1.7363, 3.0888



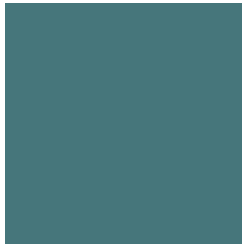
50.2570, 30.9323, 65.5496



101.4540, 62.8802, 132.0288

Previews

White Background



This preview shows how the YUV color 104.2180, 9.2595, -30.0092 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 104.2180, 9.2595, -30.0092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

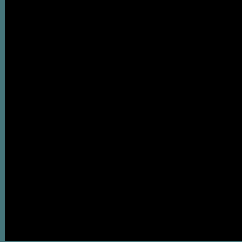
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.2180, 9.2595, -30.0092

Background



This preview shows how black text looks on a background with the YUV color 104.2180, 9.2595, -30.0092.



This preview shows how white text looks on a background with the YUV color 104.2180, 9.2595,

-30.0092.

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

104.2180, 9.2595, -30.0092

Protanopia

110.3250, 3.7838, -0.2850

Deuteranopia

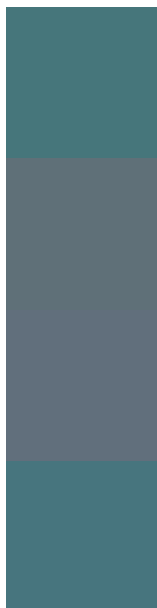
110.8460, 6.9779, 1.8891



Tritanopia

104.3860, 11.1487, -29.2795

Trichromacy



Original Color

104.2180, 9.2595, -30.0092

Protanomaly

107.8290, 6.0003, -11.2510

Deuteranomaly

108.2960, 7.7421, -9.9066

Tritanomaly

104.2720, 10.7119, -29.1795

Monochromacy



Original Color

104.2180, 9.2595, -30.0092

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1450, 3.3795, -10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2180, 9.2595, -30.0092 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(70, 118, 123)` looks like.

```
.text, #text, p{  
    color:rgb(70, 118, 123)  
}
```

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(70, 118, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 118, 123) }
```

Border

The CSS property to change the border of an element to YUV 104.2180, 9.2595, -30.0092 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(70, 118, 123) }
```


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

```
.border{ border-color:rgb(70, 118, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 118, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 118, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 118, 123);  
box-shadow:4px 4px 4px 4px rgb(70, 118,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 104.2180, 9.2595, -30.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 118, 123) }
```

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

```
.background{ background-color: rgb(70, 118,  
123) }
```

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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