

Converting Colors

YUV(101.3280, 9.2053,
-12.5657)

Have a look what the booklet for
YUV(101.3280, 9.2053, -12.5657)
contains.

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Color

**YUV(101.3280, 9.2053,
-12.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	576978
RGB	87, 105, 120
RGB Percent	34%, 41%, 47%
CMY	0.6588, 0.5882, 0.5294
CMYK	0.27, 0.13, 0.00, 0.53
HSL	207°, 16%, 41%
HSV	207°, 27%, 47%
XYZ	12.3722, 13.4855, 19.7202
YIQ	101.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

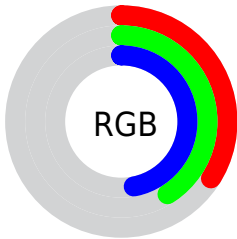
Format	Color
RYB	87, 99, 120
Decimal	5728632
CIELab	43.49, -3.00, -10.59
CIElCh	43, 11.013, 254.169
Yxy	13.4855, 0.2715, 0.2959
Android (android.graphics.Color)	4283918712 (0xFF576978)
YUV	101.3280, 9.2053, -12.5657
Hunter-Lab	36.7225, -4.1259, -6.1332

Details

The YUV color $[101.3280, 9.2053, -12.5657]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[105.6720, -9.2053, 12.5657]$, and the grayscale version is $[101.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[152.4420, 9.6421, -12.6656]$, and $[54.2140, 8.7685, -12.4657]$ is the 20% darker color. If you saturate the color by 10%, you get $[94.8050, 12.4211, -17.3690]$, and if you desaturate by 10%, it is $[107.8510, 5.9895, -7.7623]$.

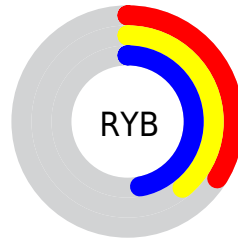
Distribution



Red (34%)

Green (41%)

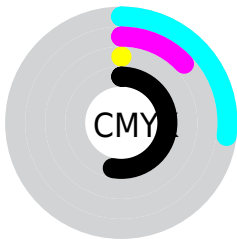
Blue (47%)



Red (34%)

Yellow (39%)

Blue (47%)

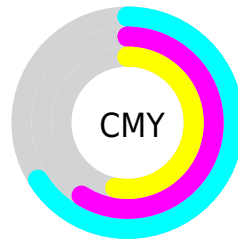


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (66%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3280, 9.2053, -12.5657 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 101.3280, 9.2053, -12.5657 by changing the saturation by 10% instead.

■ 101.3280, 9.2053,
-12.5657

■ 101.3280, 9.2053,
-12.5657

■ 255.0000, 0.0000,
0.0000

■ 77.2140, 8.7685,
-12.4657

■ 152.4420, 9.6421,
-12.6656

■ 54.2140, 8.7685,
-12.4657

■ 179.2570, 10.2263,
-13.3804

■ 32.1000, 8.3317,
-12.3657

■ 206.9580, 10.3737,
-13.9952

■ 11.9970, 7.8895,
-10.5214

■ 234.8440, 9.9369,
-13.8952

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,
-4.3034

■ 101.3280, 9.2053,
-12.5657

■ 101.3280, 9.2053,
-12.5657

■ 94.8050, 12.4211,
-17.3690

■ 107.8510, 5.9895,
-7.7623

■ 87.6950, 15.9264,
-21.6575

■ 114.9610, 2.4842,
-3.4738

■ 81.1720, 19.1422,
-26.4608

■ 121.4840, -0.7316,
1.3295

■ 74.0620, 22.6474,
-30.7494

■ 128.5940, -4.2368,
5.6181

■ 67.5390, 25.8633,
-35.5527

■ 135.1170, -7.4527,
10.4214

■ 60.4290, 29.3685,
-39.8412

■ 142.2270,
-10.9579, 14.7099

■ 53.9060, 32.5843,
-44.6446

■ 148.7500,
-14.1738, 19.5132

■ 51.8350, 33.6053,

■ 155.8600,

-45.4593

-17.6790, 23.8018

 162.3830,
-20.8948, 28.6051

Harmonies

Analogous

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



99.8390, 7.4744, -17.3988



101.3280, 9.2053, -12.5657



102.8560, 8.4520, -4.2587

Triad

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



101.3280, 9.2053, -12.5657



104.1160, -2.5222, 15.6843



100.7730, -5.8041, -5.0629

Complementary

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



101.3280, 9.2053, -12.5657



105.6720, -9.2053, 12.5657

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.



102.1330, -8.4466, 2.5144



101.3280, 9.2053, -12.5657



103.9650, -6.8847, 14.9397

Square

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



101.3280, 9.2053, -12.5657



104.5330, 1.7092, 11.8106



102.7750, -8.7631, 10.7213



99.8690, -1.4144, -13.0401

Rectangle

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



101.3280, 9.2053, -12.5657



103.8460, 6.9779, 1.8891



102.7750, -8.7631, 10.7213



100.9690, -6.3937, -2.6038

Sweetspot

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



101.3280, 9.2053, -12.5657



148.5910, 3.6526, -4.9033



108.0810, -2.9979, -18.4880



74.2600, 2.3368, -2.8590



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.



101.3280, 9.2053, -12.5657



126.3640, 14.6105, -19.6132



91.9360, 13.8356, -4.3289



57.4450, 1.7526, -2.1443



54.1660, 34.9212, -47.5036



109.7340, 70.1371, -96.2367

Inverse Universe

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



98.9190, 2.9979, 18.4880



122.7400, 4.5652, 29.1690



115.0640, -13.8356, 4.3289



57.1360, 0.4260, 3.3887



45.1270, 11.2764, 70.0486



91.0800, 23.1316, 141.1268

Previews

White Background



This preview shows how the YUV color 101.3280, 9.2053, -12.5657 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 101.3280, 9.2053, -12.5657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

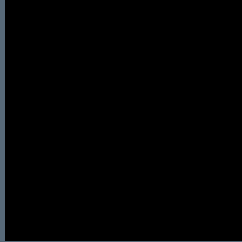
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.3280, 9.2053, -12.5657

Background



This preview shows how black text looks on a background with the YUV color 101.3280, 9.2053, -12.5657.



This preview shows how white text looks on a background with the YUV color 101.3280, 9.2053,

-12.5657.

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

101.3280, 9.2053, -12.5657

Protanopia

103.2260, 7.2836, -2.8292

Deuteranopia

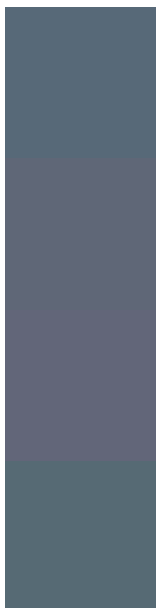
103.5900, 8.5831, 0.3596



Tritanopia

100.9320, 6.4425, -13.0954

Trichromacy



Original Color

101.3280, 9.2053, -12.5657

Protanomaly

102.4320, 8.1680, -6.5179

Deuteranomaly

102.9700, 8.8888, -4.3587

Tritanomaly

101.1600, 7.3161, -13.2953

Monochromacy



Original Color

101.3280, 9.2053, -12.5657

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3280, 9.2053, -12.5657 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(87, 105, 120)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 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(87, 105, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 120) }
```

Border

The CSS property to change the border of an element to YUV 101.3280, 9.2053, -12.5657 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(87, 105, 120) }
```


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

```
.border{ border-color:rgb(87, 105, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 105, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 120);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 101.3280, 9.2053, -12.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 105, 120) }
```

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

```
.background{ background-color: rgb(87, 105,  
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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