

Converting Colors

YUV(104.6880, 19.8738,
-27.7904)

Have a look what the booklet for
YUV(104.6880, 19.8738, -27.7904)
contains.

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Color

**YUV(104.6880, 19.8738,
-27.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	497191
RGB	73, 113, 145
RGB Percent	29%, 44%, 57%
CMY	0.7137, 0.5569, 0.4314
CMYK	0.50, 0.22, 0.00, 0.43
HSL	207°, 33%, 43%
HSV	207°, 50%, 57%
XYZ	13.7636, 15.2711, 29.0103
YIQ	104.6880, -34.1120, 1.4720

Conversions

Conversions Part 2

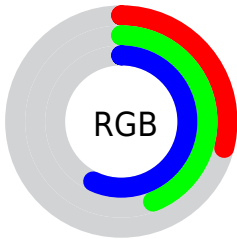
Format	Color
R_{YB}	73, 99, 145
Decimal	4813201
CIE _{Lab}	46.00, -4.69, -21.79
CIE _{LCh}	46, 22.292, 257.851
Yxy	15.2711, 0.2371, 0.2631
Android (android.graphics.Color)	4283003281 (0xFF497191)
YUV	104.6880, 19.8738, -27.7904
Hunter-Lab	39.0782, -5.5179, -16.6600

Details

The YUV color **104.6880, 19.8738, -27.7904** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.3120, -19.8738, 27.7904**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2150, 20.6000, -27.3756**, and **53.9540, 19.7427, -32.4087** is the 20% darker color. If you saturate the color by 10%, you get **96.9800, 23.6739, -33.3085**, and if you desaturate by 10%, it is **112.6950, 15.9264, -21.6575**.

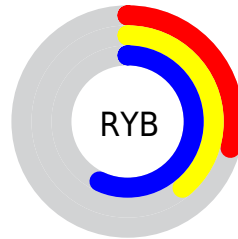
Distribution



Red (29%)

Green (44%)

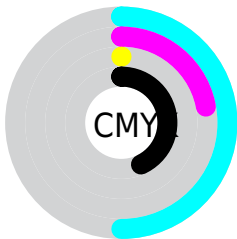
Blue (57%)



Red (29%)

Yellow (39%)

Blue (57%)

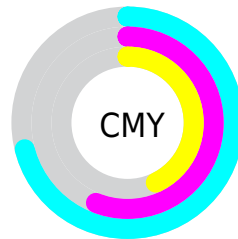


Cyan (50%)

Magenta (22%)

Yellow (0%)

Black (43%)



Cyan (71%)

Magenta (56%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6880, 19.8738, -27.7904 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 104.6880, 19.8738, -27.7904 by changing the saturation by 10% instead.

■ 104.6880, 19.8738,
-27.7904

■ 104.6880, 19.8738,
-27.7904

■ 255.0000, 0.0000,
0.0000

■ 79.8620, 19.2950,
-28.8200

■ 157.2150, 20.6000,
-27.3756

■ 53.9540, 19.7427,
-32.4087

■ 184.3290, 21.0368,
-27.4755

■ 33.3350, 18.5688,
-29.2348

■ 212.0300, 21.1842,
-28.0903

■ 18.9730, 14.3103,
-16.6393

■ 237.1370, 8.8065,
-24.6761

■ 3.6650, 11.5042,
-3.2142

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 104.6880, 19.8738,
-27.7904

■ 104.6880, 19.8738,
-27.7904

■ 96.9800, 23.6739,
-33.3085

■ 112.6950, 15.9264,
-21.6575

■ 88.3860, 27.9107,
-38.9265

■ 120.9900, 11.8369,
-16.6542

■ 80.3790, 31.8582,
-45.0594

■ 128.6980, 8.0369,
-11.1361

■ 72.0840, 35.9476,
-50.0627

■ 137.2920, 3.8000,
-5.5181

■ 64.0770, 39.8950,
-56.1955

■ 145.2990, -0.1474,
0.6148

■ 153.5940, -4.2368,
5.6181

■ 161.6010, -8.1843,
11.7509

■ 169.8960,

-12.2737, 16.7542

 177.6040,
-16.0738, 22.2723

Harmonies

Analogous

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



99.4320, 18.0280, -42.4749



104.6880, 19.8738, -27.7904



109.4240, 17.0460, -7.3878

Triad

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



104.6880, 19.8738, -27.7904



110.5910, -6.2074, 31.0537



104.1650, -10.4343, -13.2997

Complementary

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



104.6880, 19.8738, -27.7904



113.3120, -19.8738, 27.7904

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.



106.6680, -16.5983, 3.7992



104.6880, 19.8738, -27.7904



109.9190, -13.7641, 28.1350

Square

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



104.6880, 19.8738, -27.7904



111.8490, 2.5394, 25.5654



108.5280, -17.5153, 17.9539



101.5850, -0.7814, -29.4540

Rectangle

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



104.6880, 19.8738, -27.7904



110.8880, 13.3662, 6.2372



108.5280, -17.5153, 17.9539



105.5140, -13.0714, -7.4668

Sweetspot

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



104.6880, 19.8738, -27.7904



172.6980, 8.0369, -11.1361



118.7980, -7.2954, -40.1648



84.8080, 4.5317, -6.8476



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



104.6880, 19.8738, -27.7904



124.9770, 31.5633, -43.8298



84.1430, 30.0025, -9.7724



67.1460, 1.9000, -2.7590



59.4150, 37.2634, -52.1070



3.2600, 2.3368, -2.8590

Inverse Universe

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



99.0880, 6.8586, 40.2648



116.2680, 10.7139, 63.7860



133.8570, -30.0025, 9.7724



66.5490, 0.7153, 3.9035



48.9150, 12.8599, 75.4965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 104.6880, 19.8738, -27.7904 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 104.6880, 19.8738, -27.7904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

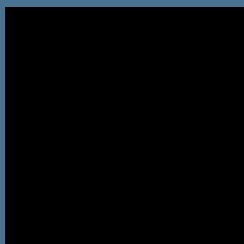
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

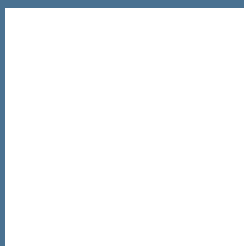
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.6880, 19.8738, -27.7904

Background



This preview shows how black text looks on a background with the YUV color 104.6880, 19.8738, -27.7904.



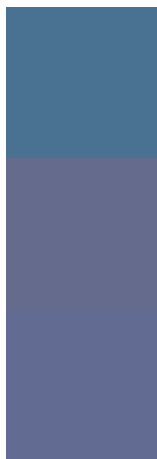
This preview shows how white text looks on a background with the YUV color 104.6880, 19.8738, -27.7904.

-27.7904.

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

104.6880, 19.8738, -27.7904

Protanopia

108.7830, 15.8830, -7.7027

Deuteranopia

108.7550, 18.3618, -9.4321



Tritanopia

102.4890, 11.5909, -31.1239

Trichromacy



Original Color

104.6880, 19.8738, -27.7904

Protanomaly

107.0810, 17.2151, -14.9800

Deuteranomaly

107.2380, 19.1097, -15.9947

Tritanomaly

103.2980, 14.6431, -30.0793

Monochromacy



Original Color

104.6880, 19.8738, -27.7904

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8830, 7.4527, -10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6880, 19.8738, -27.7904 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(73, 113, 145)` looks like.

```
.text, #text, p{  
    color:rgb(73, 113, 145)  
}
```

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(73, 113, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 113, 145) }
```

Border

The CSS property to change the border of an element to YUV 104.6880, 19.8738, -27.7904 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(73, 113, 145) }
```


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

```
.border{ border-color:rgb(73, 113, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 113, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 113, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 113, 145);  
box-shadow:4px 4px 4px 4px rgb(73, 113,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 104.6880, 19.8738, -27.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 113, 145) }
```

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

```
.background{ background-color: rgb(73, 113,  
145) }
```

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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