

Converting Colors

YUV(103.9450, 20.2401,
-5.2138)

Have a look what the booklet for
YUV(103.9450, 20.2401, -5.2138)
contains.

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Color

**YUV(103.9450, 20.2401,
-5.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	626391
RGB	98, 99, 145
RGB Percent	38%, 39%, 57%
CMY	0.6157, 0.6118, 0.4314
CMYK	0.32, 0.32, 0.00, 0.43
HSL	239°, 19%, 48%
HSV	239°, 32%, 57%
XYZ	14.6097, 13.5647, 28.6363
YIQ	103.9450, -15.3620, 14.0940

Conversions

Conversions Part 2

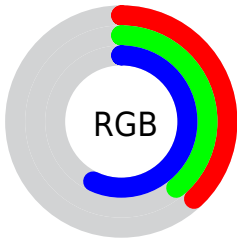
Format	Color
R_{YB}	98, 99, 145
Decimal	6448017
CIE _{Lab}	43.60, 10.93, -25.38
CIE _{LCh}	44, 27.632, 293.305
Yxy	13.5647, 0.2572, 0.2388
Android (android.graphics.Color)	4284638097 (0xFF626391)
YUV	103.9450, 20.2401, -5.2138
Hunter-Lab	36.8303, 6.3537, -20.3180

Details

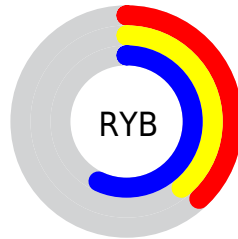
The YUV color **103.9450, 20.2401, -5.2138** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.0550, -20.2401, 5.2138**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5860, 21.4031, -4.8989**, and **56.4780, 18.4983, -6.5582** is the 20% darker color. If you saturate the color by 10%, you get **91.5410, 26.3553, -6.6135**, and if you desaturate by 10%, it is **116.6480, 13.9775, -3.1993**.

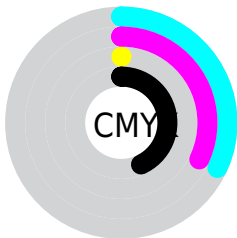
Distribution



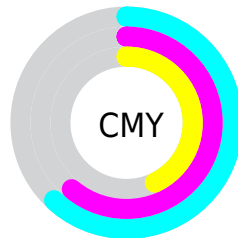
- Red (38%)
- Green (39%)
- Blue (57%)



- Red (38%)
- Yellow (39%)
- Blue (57%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (62%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9450, 20.2401, -5.2138 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 103.9450, 20.2401, -5.2138 by changing the saturation by 10% instead.

■ 103.9450, 20.2401,
-5.2138

■ 103.9450, 20.2401,
-5.2138

■ 255.0000, 0.0000,
0.0000

■ 79.4180, 19.5139,
-5.6286

■ 155.5860, 21.4031,
-4.8989

■ 56.4780, 18.4983,
-6.5582

■ 182.1130, 22.1293,
-4.4841

■ 34.2390, 17.6302,
-8.1026

■ 210.1130, 22.1293,
-4.4841

■ 10.7660, 18.3564,
-7.6878

■ 234.9210, 9.8989,
-1.6847

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 103.9450, 20.2401,
-5.2138

■ 103.9450, 20.2401,
-5.2138

■ 91.5410, 26.3553,
-6.6135

■ 116.6480, 13.9775,
-3.1993

■ 78.8380, 32.6179,
-8.6279

■ 129.0520, 7.8624,
-1.7996

■ 65.8470, 39.0224,
-9.5128

■ 142.3420, 1.3104,
-0.2999

■ 53.1440, 45.2850,
-11.5273

■ 154.7460, -4.8048,
1.0998

■ 40.7400, 51.4002,
-12.9270

■ 167.4490,
-11.0674, 3.1142

■ 28.0370, 57.6628,
-14.9414


■ 179.8530,
-17.1825, 4.5139

■ 18.2910, 62.4675,
-16.0412

■ 192.5560,
-23.4451, 6.5284

■ 205.5470,

-29.8497, 7.4133

 217.9510,
-35.9648, 8.8130

Harmonies

Analogous

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



97.3220, 24.9843, -33.6084



103.9450, 20.2401, -5.2138



106.3240, 12.1653, 18.1329

Triad

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



103.9450, 20.2401, -5.2138



103.2030, -17.8481, 31.3940



90.8220, 3.0458, -43.6939

Complementary

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



103.9450, 20.2401, -5.2138



139.0550, -20.2401, 5.2138

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.



96.1210, -10.4127, -20.2771



103.9450, 20.2401, -5.2138



101.6760, -22.0253, 17.8241

Square

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



103.9450, 20.2401, -5.2138



104.2390, -8.9918, 37.5014



99.5490, -19.4977, 0.3955



81.1850, 19.1358, -71.1992

Rectangle

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



103.9450, 20.2401, -5.2138



105.9680, 5.4388, 28.9691



99.5490, -19.4977, 0.3955



92.9110, -1.9281, -35.0019

Sweetspot

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



103.9450, 20.2401, -5.2138



172.1660, 8.2992, -1.8996



130.7190, 6.0545, -28.6946



84.2540, 4.8048, -1.0998



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.



103.9450, 20.2401, -5.2138



124.6100, 31.7443, -8.4280



109.9360, 17.2866, 8.8261



64.7980, 3.0576, -0.6998



17.1510, 58.0996, -15.0414



0.9120, 3.4944, -0.7998

Inverse Universe

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



112.1670, -6.4913, 28.7945



137.3540, -10.0345, 45.2935



133.0640, -17.2866, -8.8261



66.0930, -1.0318, 4.3034



40.7070, -18.5896, 82.6950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 103.9450, 20.2401, -5.2138 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 103.9450, 20.2401, -5.2138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

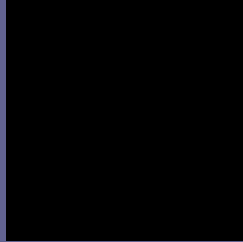
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9450, 20.2401, -5.2138

Background



This preview shows how black text looks on a background with the YUV color 103.9450, 20.2401, -5.2138.



This preview shows how white text looks on a background with the YUV color 103.9450, 20.2401, -5.2138.

-5.2138.

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

103.9450, 20.2401, -5.2138

Protanopia

102.6560, 21.8616, -11.9763

Deuteranopia

102.6020, 20.4092, -12.8060



Tritanopia

101.8400, 5.9949, -9.5067

Trichromacy



Original Color

103.9450, 20.2401, -5.2138

Protanomaly

102.8520, 21.2720, -9.5172

Deuteranomaly

103.2110, 20.1090, -9.8320

Tritanomaly

102.8170, 10.9362, -7.7325

Monochromacy



Original Color

103.9450, 20.2401, -5.2138

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9450, 20.2401, -5.2138 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(98, 99, 145)` looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 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(98, 99, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 145) }
```

Border

The CSS property to change the border of an element to YUV 103.9450, 20.2401, -5.2138 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(98, 99, 145) }
```


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

```
.border{ border-color:rgb(98, 99, 145) }
```

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

Here you see how a box with a 4 pixel rgb(98, 99, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 145);  
box-shadow:4px 4px 4px 4px rgb(98, 99,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 103.9450, 20.2401, -5.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 145) }
```

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

```
.background{ background-color: rgb(98, 99,  
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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