

Converting Colors

YUV(104.4760, 5.1883, 62.7265)

Have a look what the booklet for
YUV(104.4760, 5.1883, 62.7265)
contains.

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Color

**YUV(104.4760, 5.1883,
62.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	B04273
RGB	176, 66, 115
RGB Percent	69%, 26%, 45%
CMY	0.3098, 0.7412, 0.5490
CMYK	0.00, 0.62, 0.35, 0.31
HSL	333°, 45%, 47%
HSV	333°, 62%, 69%
XYZ	22.9472, 14.3643, 17.7828
YIQ	104.4760, 49.8310, 38.5590

Conversions

Conversions Part 2

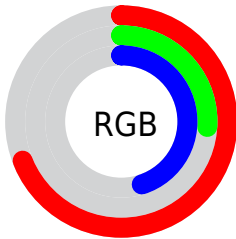
Format	Color
R_{YB}	176, 66, 115
Decimal	11551347
CIE _{Lab}	44.75, 49.48, -4.58
CIE _{LCh}	45, 49.693, 354.712
Yxy	14.3643, 0.4165, 0.2607
Android (android.graphics.Color)	4289741427 (0xFFB04273)
YUV	104.4760, 5.1883, 62.7265
Hunter-Lab	37.9003, 41.7495, -1.2886

Details

The YUV color **104.4760, 5.1883, 62.7265** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **137.5240, -5.1883, -62.7265**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7430, 3.5777, 66.0004**, and **43.2190, 11.7240, 66.4599** is the 20% darker color. If you saturate the color by 10%, you get **92.7700, 6.0294, 72.9927**, and if you desaturate by 10%, it is **116.1820, 4.3473, 52.4604**.

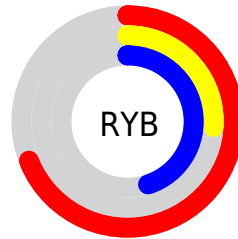
Distribution



Red (69%)

Green (26%)

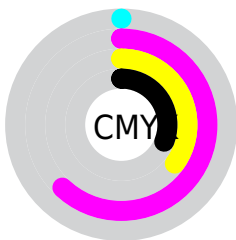
Blue (45%)



Red (69%)

Yellow (26%)

Blue (45%)

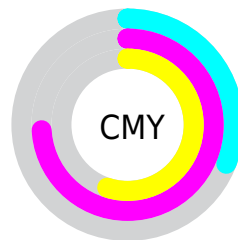


Cyan (0%)

Magenta (62%)

Yellow (35%)

Black (31%)



Cyan (31%)

Magenta (74%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.4760, 5.1883, 62.7265 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 104.4760, 5.1883, 62.7265 by changing the saturation by 10% instead.


 104.4760, 5.1883,
62.7265


 104.4760, 5.1883,
62.7265

255.0000, 0.0000,
0.0000


 76.5190, 6.6461,
61.8118


 159.7430, 3.5777,
66.0004


 43.2190, 11.7240,
66.4599


 184.6500, 4.6096,
61.6970

 32.6380, 6.0945,
52.0605

 204.2780, 8.7369,
44.4832

 22.2850, 1.3385,
37.4611

 223.9060, 12.8643,
27.2694

 12.0740, -5.4595,
24.4911

 241.4990, 6.6560,
11.8404

 0.0000, 0.0000,
0.0000

104.4760, 5.1883,
62.7265

104.4760, 5.1883,
62.7265

92.7700, 6.0294,
72.9927

116.1820, 4.3473,
52.4604

81.6510, 6.5811,
82.7441

127.3010, 3.7956,
42.7090

70.0590, 7.8589,
92.9103

138.8930, 2.5178,
32.5428

61.5160, 8.1266,
100.4025

150.0120, 1.9661,
22.7915

161.7180, 1.1250,
12.5253

173.4240, 0.2840,
2.2592

184.4290, -0.7045,
-7.3922

196.1350, -1.5456,

-17.6584

■ 207.2540, -2.0972,
-27.4098

Harmonies

Analogous

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



108.4800, 22.4414, 35.5360



104.4760, 5.1883, 62.7265



102.4600, -14.0308, 67.1256

Triad

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



104.4760, 5.1883, 62.7265



97.0050, -37.9635, -3.5124



91.3360, 40.2604, -80.1017

Complementary

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



104.4760, 5.1883, 62.7265



137.5240, -5.1883, -62.7265

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.



89.2210, 24.5410, -78.2468



104.4760, 5.1883, 62.7265



87.4630, -16.0043, -46.8871

Square

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



104.4760, 5.1883, 62.7265



100.1940, -44.4656, 28.7709



84.4330, 6.1955, -74.0477



87.7630, 49.4168, -76.9682

Rectangle

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



104.4760, 5.1883, 62.7265



102.7890, -26.5180, 58.9440



84.4330, 6.1955, -74.0477



90.7830, 35.6030, -79.6167

Sweetspot

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



104.4760, 5.1883, 62.7265



201.3220, 1.8133, 25.1506



96.4800, 39.2034, 25.8890



97.4410, 1.2616, 15.3992



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



104.4760, 5.1883, 62.7265



117.5050, 8.1320, 98.6581



102.4120, -17.9511, 64.5367



83.1470, 0.4205, 5.1331



53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Inverse Universe

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



104.4760, 5.1883, 62.7265



117.5050, 8.1320, 98.6581



140.1750, 17.6617, -65.0515



83.1470, 0.4205, 5.1331



53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 104.4760, 5.1883, 62.7265 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 104.4760, 5.1883, 62.7265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

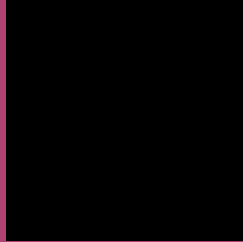
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.4760, 5.1883, 62.7265

Background



This preview shows how black text looks on a background with the YUV color 104.4760, 5.1883, 62.7265.



This preview shows how white text looks on a background with the YUV color 104.4760, 5.1883,

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

104.4760, 5.1883, 62.7265

Protanopia

106.7120, 16.9040, -8.5174

Deuteranopia

107.2720, 0.8519, 6.7775



Tritanopia

104.1710, -12.4093, 60.3630

Trichromacy



Original Color

104.4760, 5.1883, 62.7265

Protanomaly

106.1390, 12.7495, 17.4181

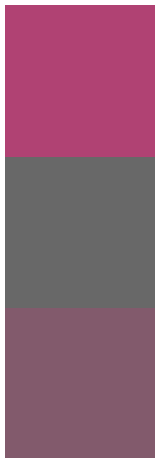
Deuteranomaly

106.4470, 2.2446, 26.7950

Tritanomaly

104.1910, -6.0102, 61.2225

Monochromacy



Original Color

104.4760, 5.1883, 62.7265

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0120, 1.9661, 22.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4760, 5.1883, 62.7265 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(176, 66, 115)` looks like.

```
.text, #text, p{  
    color:rgb(176, 66, 115)  
}
```

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(176, 66, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 66, 115) }
```

Border

The CSS property to change the border of an element to YUV 104.4760, 5.1883, 62.7265 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(176, 66, 115) }
```


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

```
.border{ border-color:rgb(176, 66, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 66, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 66, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 66, 115);  
box-shadow:4px 4px 4px 4px rgb(176, 66,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 104.4760, 5.1883, 62.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 66, 115) }
```

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

```
.background{ background-color: rgb(176, 66,  
115) }
```

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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