

Converting Colors

YUV(103.6410, 21.3760, 3.8228)

Have a look what the booklet for
YUV(103.6410, 21.3760, 3.8228)
contains.

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Color

**YUV(103.6410, 21.3760,
3.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5D93
RGB	108, 93, 147
RGB Percent	42%, 36%, 58%
CMY	0.5765, 0.6353, 0.4235
CMYK	0.27, 0.37, 0.00, 0.42
HSL	257°, 22%, 47%
HSV	257°, 37%, 58%
XYZ	15.3652, 13.1234, 29.3270
YIQ	103.6410, -8.3940, 19.9740

Conversions

Conversions Part 2

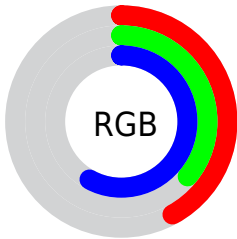
Format	Color
R _{YB}	108, 93, 147
Decimal	7101843
CIE _{Lab}	42.95, 18.29, -27.53
CIE _{LCh}	43, 33.047, 303.599
Yxy	13.1234, 0.2658, 0.2270
Android (android.graphics.Color)	4285291923 (0xFF6C5D93)
YUV	103.6410, 21.3760, 3.8228
Hunter-Lab	36.2263, 12.3137, -22.6399

Details

The YUV color **103.6410, 21.3760, 3.8228** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.3590, -21.3760, -3.8228**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9940, 22.6810, 5.2673**, and **56.1740, 19.6342, 2.4784** is the 20% darker color. If you saturate the color by 10%, you get **91.5470, 27.3383, 4.7823**, and if you desaturate by 10%, it is **115.7350, 15.4136, 2.8634**.

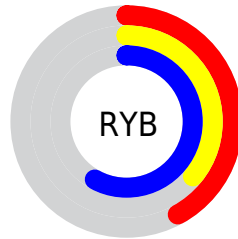
Distribution



Red (42%)

Green (36%)

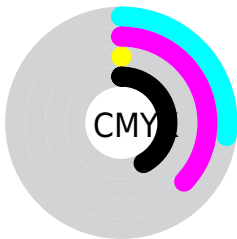
Blue (58%)



Red (42%)

Yellow (36%)

Blue (58%)

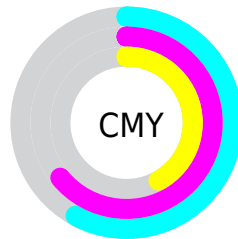


Cyan (27%)

Magenta (37%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6410, 21.3760, 3.8228 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 103.6410, 21.3760, 3.8228 by changing the saturation by 10% instead.

■ 103.6410, 21.3760,
3.8228

■ 103.6410, 21.3760,
3.8228

■ 255.0000, 0.0000,
0.0000

■ 79.1140, 20.6498,
3.4080

■ 154.9940, 22.6810,
5.2673

■ 56.1740, 19.6342,
2.4784

■ 182.1080, 23.1178,
5.1673

■ 33.9350, 18.7660,
0.9340

■ 209.2930, 22.5336,
5.8820

■ 10.0710, 19.1920,
4.3227

■ 234.4000, 10.1558,
9.2962

■ 3.7790, 11.9410,
-3.3142

■ 254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

■ 103.6410, 21.3760,
3.8228

■ 103.6410, 21.3760,
3.8228

■ 91.5470, 27.3383,
4.7823

■ 115.7350, 15.4136,
2.8634

■ 80.3390, 32.8639,
5.8417

■ 126.9430, 9.8881,
1.8040

■ 68.2450, 38.8262,
6.8011

■ 139.0370, 3.9258,
0.8446

■ 56.4500, 44.6412,
8.3754

■ 150.8320, -1.8892,
-0.7297

■ 44.3560, 50.6035,
9.3348

■ 162.9260, -7.8515,
-1.6891

■ 32.8490, 56.2764,
9.7794

■ 174.4330,
-13.5245, -2.1337

■ 29.0170, 58.1656,
10.5091

■ 186.2280,
-19.3394, -3.7080

■ 198.3220,

-25.3017, -4.6674

 209.8290,
-30.9747, -5.1120

Harmonies

Analogous

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



96.4840, 29.3414, -31.1195



103.6410, 21.3760, 3.8228



104.3470, 10.6749, 29.5137

Triad

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



103.6410, 21.3760, 3.8228



100.4220, -23.3790, 32.0789



79.3610, 12.1470, -69.5996

Complementary

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



103.6410, 21.3760, 3.8228



136.3590, -21.3760, -3.8228

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.



89.9450, -6.8749, -35.0318



103.6410, 21.3760, 3.8228



98.8020, -26.5244, 14.2056

Square

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



103.6410, 21.3760, 3.8228



101.6050, -14.1023, 43.3194



95.8530, -20.6335, -8.6411



82.4390, 23.9406, -72.2990

Rectangle

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



103.6410, 21.3760, 3.8228



103.2360, 2.3487, 40.1350



95.8530, -20.6335, -8.6411



79.4170, 7.1894, -66.1407

Sweetspot

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



103.6410, 21.3760, 3.8228



174.1880, 8.2883, 1.5891



122.6360, 12.0115, -25.9908



86.6780, 5.0887, 1.1594



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



103.6410, 21.3760, 3.8228



123.4530, 33.3007, 5.7417



111.4150, 17.5434, 19.8070



68.3960, 2.7628, 0.5297



27.0940, 54.6767, 9.5646



2.0370, 3.9258, 0.8446

Inverse Universe

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



113.5920, 9.0751, 29.2988



139.0700, 14.2625, 45.5426



128.5850, -17.5434, -19.8070



69.6630, 1.1521, 3.8035



52.5480, 22.9008, 74.9414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 103.6410, 21.3760, 3.8228 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 103.6410, 21.3760, 3.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

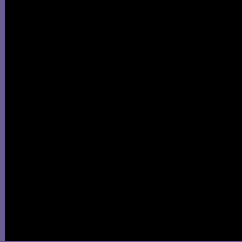
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6410, 21.3760, 3.8228

Background



This preview shows how black text looks on a background with the YUV color 103.6410, 21.3760, 3.8228.

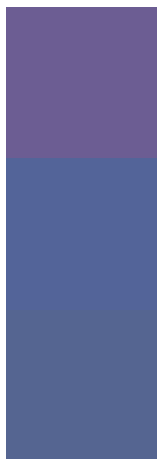


This preview shows how white text looks on a background with the YUV color 103.6410, 21.3760,

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

103.6410, 21.3760, 3.8228

Protanopia

100.9590, 25.6562, -15.7500

Deuteranopia

101.2320, 21.5776, -14.2355



Tritanopia

101.9120, 3.4944, -0.7998

Trichromacy



Original Color

103.6410, 21.3760, 3.8228

Protanomaly

101.6610, 24.3241, -8.4727

Deuteranomaly

101.9770, 21.7033, -7.8728

Tritanomaly

102.6440, 10.0355, 1.1892

Monochromacy



Original Color

103.6410, 21.3760, 3.8228

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6410, 21.3760, 3.8228 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(108, 93, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 93, 147)  
}
```

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(108, 93, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 93, 147) }
```

Border

The CSS property to change the border of an element to YUV 103.6410, 21.3760, 3.8228 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(108, 93, 147) }
```


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

```
.border{ border-color:rgb(108, 93, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 93, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 93, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 93, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 93,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 103.6410, 21.3760, 3.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 93, 147) }
```

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

```
.background{ background-color: rgb(108, 93,  
147) }
```

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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