

Converting Colors

YUV(103.1270, 20.6434,
-41.3304)

Have a look what the booklet for
YUV(103.1270, 20.6434, -41.3304)
contains.

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Color

**YUV(103.1270, 20.6434,
-41.3304)**

Conversions

Conversions Part 1

Format	Color
Hex	387791
RGB	56, 119, 145
RGB Percent	22%, 47%, 57%
CMY	0.7804, 0.5333, 0.4314
CMYK	0.61, 0.18, 0.00, 0.43
HSL	198°, 44%, 39%
HSV	198°, 61%, 57%
XYZ	13.3385, 16.0787, 29.1886
YIQ	103.1270, -45.8940, -5.2700

Conversions

Conversions Part 2

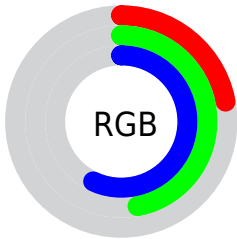
Format	Color
R_{YB}	56, 93, 145
Decimal	3700625
CIE _{Lab}	47.08, -12.05, -20.20
CIE _{LCh}	47, 23.526, 239.178
Yxy	16.0787, 0.2276, 0.2744
Android (android.graphics.Color)	4281890705 (0xFF387791)
YUV	103.1270, 20.6434, -41.3304
Hunter-Lab	40.0983, -10.7947, -15.0899

Details

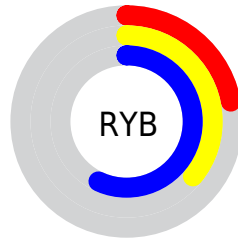
The YUV color **103.1270, 20.6434, -41.3304** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **97.8730, -20.6434, 41.3304**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2520, 21.0748, -39.6860**, and **52.3930, 20.5123, -45.9487** is the 20% darker color. If you saturate the color by 10%, you get **96.5930, 23.8647, -47.8781**, and if you desaturate by 10%, it is **109.6610, 17.4221, -34.7827**.

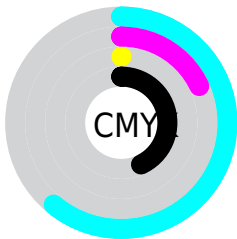
Distribution



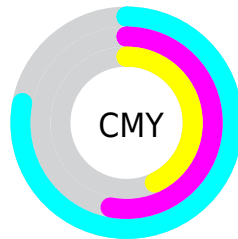
- Red (22%)
- Green (47%)
- Blue (57%)



- Red (22%)
- Yellow (36%)
- Blue (57%)



- Cyan (61%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)



- Cyan (78%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1270, 20.6434, -41.3304 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 103.1270, 20.6434, -41.3304 by changing the saturation by 10% instead.

■ 103.1270, 20.6434,
-41.3304

■ 103.1270, 20.6434,
-41.3304

255.0000, 0.0000,
0.0000

■ 75.9200, 21.2384,
-45.5338

■ 156.2520, 21.0748,
-39.6860

■ 52.3930, 20.5123,
-45.9487

■ 184.2520, 21.0748,
-39.6860

■ 36.2700, 17.1219,
-31.8088

■ 212.2520, 21.0748,
-39.6860

■ 21.9080, 12.8634,
-19.2133

■ 237.0600, 8.8444,
-36.8866

■ 3.6650, 11.5042,
-3.2142

■ 245.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 103.1270, 20.6434,
-41.3304

■ 103.1270, 20.6434,
-41.3304

■ 96.5930, 23.8647,
-47.8781

■ 109.6610, 17.4221,
-34.7827

■ 89.7600, 27.2333,
-55.0405

■ 116.4940, 14.0535,
-27.6202

■ 82.3400, 30.8914,
-61.6882

■ 123.6150, 10.5428,
-21.5874

■ 76.9910, 33.5284,
-67.5211

■ 130.4480, 7.1741,
-14.4249

■ 137.2810, 3.8055,
-7.2624

■ 143.8150, 0.5842,
-0.7148

■ 151.2350, -3.0739,
5.9329

■ 157.7690, -6.2951,
12.4806

■ 164.6020, -9.6638,
19.6430

Harmonies

Analogous

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



99.8890, 14.8447, -48.1377



103.1270, 20.6434, -41.3304



109.2480, 20.5837, -22.1425

Triad

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



103.1270, 20.6434, -41.3304



114.3720, -0.6764, 30.3688



108.2650, -15.4136, -2.8634

Complementary

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



103.1270, 20.6434, -41.3304



97.8730, -20.6434, 41.3304

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.



110.4520, -18.9568, 13.6356



103.1270, 20.6434, -41.3304



112.9780, -9.8492, 32.4683

Square

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



103.1270, 20.6434, -41.3304



114.4120, 8.6709, 18.9327



111.8110, -16.6688, 26.4758



105.3320, -7.0657, -20.4622

Rectangle

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



103.1270, 20.6434, -41.3304



112.0650, 18.2090, -7.0730



111.8110, -16.6688, 26.4758



108.8420, -17.1771, 2.7696

Sweetspot

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



103.1270, 20.6434, -41.3304



172.9640, 7.9057, -15.7544



111.0930, -14.8358, -48.3166



84.4980, 4.6845, -9.2067



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.



103.1270, 20.6434, -41.3304



123.0730, 32.5020, -64.9620



77.2990, 33.3766, -18.6792



67.7330, 1.6106, -3.2738



71.7420, 31.1862, -62.9177



3.8470, 2.0474, -3.3738

Inverse Universe

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



89.7930, 14.3991, 48.4165



102.1460, 22.6060, 76.1710



123.7010, -33.3766, 18.6792



66.6630, 1.1521, 3.8035



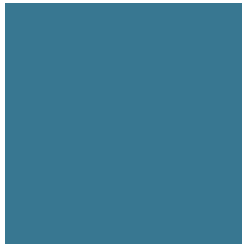
51.3090, 22.0327, 73.3970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 103.1270, 20.6434, -41.3304 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 103.1270, 20.6434, -41.3304 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 103.1270, 20.6434, -41.3304

Background



This preview shows how black text looks on a background with the YUV color 103.1270, 20.6434, -41.3304.



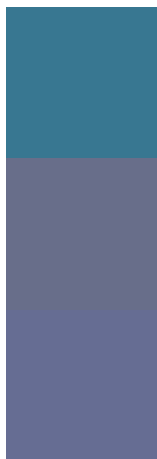
This preview shows how white text looks on a background with the YUV color 103.1270, 20.6434, -41.3304.

-41.3304.

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

103.1270, 20.6434, -41.3304

Protanopia

111.3980, 13.1148, -6.4880

Deuteranopia

111.2390, 17.6302, -8.1026



Tritanopia

100.9110, 14.8339, -44.6489

Trichromacy



Original Color

103.1270, 20.6434, -41.3304

Protanomaly

108.4180, 16.0629, -18.7836

Deuteranomaly

108.3900, 18.5417, -20.5130

Tritanomaly

101.4920, 17.0124, -43.4045

Monochromacy



Original Color

103.1270, 20.6434, -41.3304

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1490, 7.3215, -15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1270, 20.6434, -41.3304 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(56, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(56, 119, 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(56, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 119, 145) }
```

Border

The CSS property to change the border of an element to YUV 103.1270, 20.6434, -41.3304 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(56, 119, 145) }
```


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

```
.border{ border-color:rgb(56, 119, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 119, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 119, 145); box-shadow:4px 4px 4px 4px rgb(56, 119, 145) }
```

Background

The CSS property to change the background color of an element to YUV 103.1270, 20.6434, -41.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 119, 145) }
```

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

```
.background{ background-color: rgb(56, 119,  
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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