

Converting Colors

YUV(103.6180, 6.1043, 2.0890)

Have a look what the booklet for
YUV(103.6180, 6.1043, 2.0890)
contains.

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Color

**YUV(103.6180, 6.1043,
2.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6474
RGB	106, 100, 116
RGB Percent	42%, 39%, 45%
CMY	0.5843, 0.6078, 0.5451
CMYK	0.09, 0.14, 0.00, 0.55
HSL	262°, 7%, 42%
HSV	262°, 14%, 45%
XYZ	13.6534, 13.4395, 18.3975
YIQ	103.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

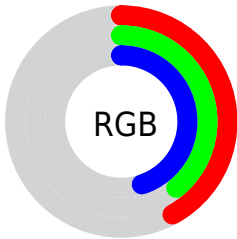
Format	Color
R_{YB}	106, 100, 116
Decimal	6972532
CIE Lab	43.42, 5.75, -8.12
CIE LCh	43, 9.951, 305.287
Yxy	13.4395, 0.3001, 0.2954
Android (android.graphics.Color)	4285162612 (0xFF6A6474)
YUV	103.6180, 6.1043, 2.0890
Hunter-Lab	36.6599, 2.3248, -4.0923

Details

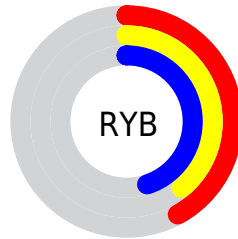
The YUV color **103.6180, 6.1043, 2.0890** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.3820, -6.1043, -2.0890**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7320, 6.5411, 1.9890**, and **56.5040, 5.6675, 2.1890** is the 20% darker color. If you saturate the color by 10%, you get **94.4810, 10.6089, 3.9632**, and if you desaturate by 10%, it is **112.7550, 1.5998, 0.2149**.

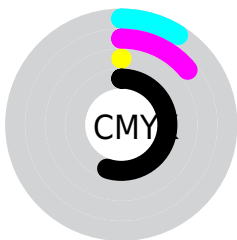
Distribution



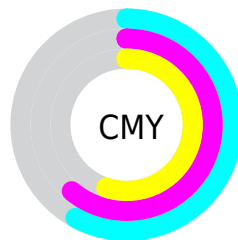
- Red (42%)
- Green (39%)
- Blue (45%)



- Red (42%)
- Yellow (39%)
- Blue (45%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6180, 6.1043, 2.0890 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 103.6180, 6.1043, 2.0890 by changing the saturation by 10% instead.

■ 103.6180, 6.1043,
2.0890

■ 103.6180, 6.1043,
2.0890

255.0000, 0.0000,
0.0000

■ 79.5040, 5.6675,
2.1890

■ 154.7320, 6.5411,
1.9890

■ 56.5040, 5.6675,
2.1890

■ 181.1450, 6.8305,
2.5038

■ 35.0910, 5.3781,
1.6742

■ 209.1450, 6.8305,
2.5038

■ 13.2160, 5.8095,
3.3186

■ 237.2590, 7.2673,
2.4039

■ 0.0000, 0.0000,
0.0000

■ 103.6180, 6.1043,

■ 103.6180, 6.1043,

2.0890

■ 94.4810, 10.6089,
3.9632

■ 85.9310, 14.8240,
5.3225

■ 76.4950, 19.4760,
6.5819

■ 67.9450, 23.6911,
7.9412

■ 58.8080, 28.1957,
9.8154

■ 49.6710, 32.7002,
11.6895

■ 40.8220, 37.0628,
12.4341

■ 31.6850, 41.5673,
14.3083

2.0890

■ 112.7550, 1.5998,
0.2149

■ 121.6040, -2.7628,
-0.5297

■ 130.7410, -7.2673,
-2.4039

■ 139.2910,
-11.4825, -3.7632

■ 148.4280,
-15.9870, -5.6374

■ 157.5650,
-20.4915, -7.5115

■ 166.4140,
-24.8541, -8.2561

■ 175.5510,
-29.3586, -10.1302

■ 26.3800, 44.1827,
15.4527

■ 184.1010,
-33.5738, -11.4896

Harmonies

Analogous

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



102.4320, 8.1680, -6.5179



103.6180, 6.1043, 2.0890



104.4510, 2.7357, 9.2515

Triad

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



103.6180, 6.1043, 2.0890



103.1170, -7.4527, 10.4214



99.4820, 2.2274, -14.4547

Complementary

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



103.6180, 6.1043, 2.0890



112.3820, -6.1043, -2.0890

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.



100.2500, -2.5882, -9.8663



103.6180, 6.1043, 2.0890



101.9700, -7.8732, 5.2883

Square

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



103.6180, 6.1043, 2.0890



104.0080, -5.4269, 14.0250



101.0830, -5.9569, -2.7038



99.7960, 6.0166, -16.4841

Rectangle

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



103.6180, 6.1043, 2.0890



104.0770, -0.0380, 12.2105



101.0830, -5.9569, -2.7038



99.7380, 0.6222, -12.9252

Sweetspot

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



103.6180, 6.1043, 2.0890



145.5810, 2.1786, 1.2445



107.6940, 4.0949, -6.7476



73.7550, 1.5998, 0.2149



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



103.6180, 6.1043, 2.0890



130.5410, 9.5933, 3.0335



106.0100, 4.9251, 7.0072



54.2820, 2.3260, 0.6297



27.6620, 46.5086, 16.0824



56.6060, 95.3432, 32.7945

Inverse Universe

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



105.9240, 2.0095, 8.8367



134.2990, 3.3036, 13.7698



109.9900, -4.9251, -7.0072



55.1360, 0.4260, 3.3887



45.2560, 15.6498, 67.3045



92.5340, 31.2887, 138.0977

Previews

White Background



This preview shows how the YUV color 103.6180, 6.1043, 2.0890 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 103.6180, 6.1043, 2.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

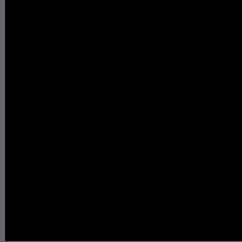
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6180, 6.1043, 2.0890

Background



This preview shows how black text looks on a background with the YUV color 103.6180, 6.1043, 2.0890.



This preview shows how white text looks on a background with the YUV color 103.6180, 6.1043,

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

103.6180, 6.1043, 2.0890

Protanopia

103.1120, 6.8468, -2.7292

Deuteranopia

103.6180, 6.1043, 2.0890



Tritanopia

103.1080, 2.9048, 1.6593

Trichromacy



Original Color

103.6180, 6.1043, 2.0890

Protanomaly

103.1230, 6.8414, -0.9849

Deuteranomaly

103.6180, 6.1043, 2.0890

Tritanomaly

103.4500, 4.2151, 1.3593

Monochromacy



Original Color

103.6180, 6.1043, 2.0890

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6180, 6.1043, 2.0890 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(106, 100, 116)` looks like.

```
.text, #text, p{  
    color:rgb(106, 100, 116)  
}
```

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(106, 100, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 100, 116) }
```

Border

The CSS property to change the border of an element to YUV 103.6180, 6.1043, 2.0890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

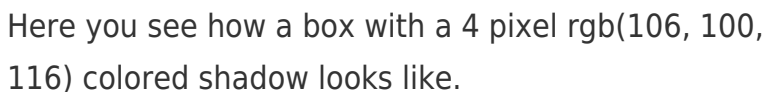
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 100, 116) }
```


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

```
.border{ border-color:rgb(106, 100, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 100, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 100, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 100, 116); box-shadow:4px 4px 4px 4px rgb(106, 100, 116) }
```

Background

The CSS property to change the background color of an element to YUV 103.6180, 6.1043, 2.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 100, 116) }
```

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

```
.background{ background-color: rgb(106,  
100, 116) }
```

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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