

Converting Colors

YIQ(123.7890, 46.6710, 18.7270)

Have a look what the booklet for
YIQ(123.7890, 46.6710, 18.7270)
contains.

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Color

**YIQ(123.7890, 46.6710,
18.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	B46368
RGB	180, 99, 104
RGB Percent	71%, 39%, 41%
CMY	0.2939, 0.6119, 0.5920
CMYK	0.00, 0.45, 0.42, 0.29
HSL	356°, 35%, 55%
HSV	356°, 45%, 71%
XYZ	25.7937, 19.6269, 15.5379
YIQ	123.7890, 46.6710, 18.7270

Conversions

Conversions Part 2

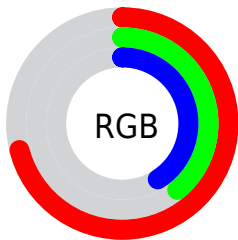
Format	Color
R _Y B	180, 99, 104
Decimal	11821928
CIE Lab	51.41, 33.14, 11.71
CIE LCh	51, 35.151, 19.467
Yxy	19.6269, 0.4231, 0.3220
Android (android.graphics.Color)	4290012008 (0xFFB46368)
YUV	123.7890, -9.7560, 49.2970
Hunter-Lab	44.3023, 26.3972, 10.2171

Details

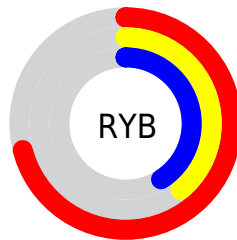
The YIQ color **123.7890, 46.6710, 18.7270** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **155.2110, -46.6710, -18.7270**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.4690, 50.5680, 19.6880**, and **72.9240, 41.8570, 17.8650** is the 20% darker color. If you saturate the color by 10%, you get **111.2850, 57.0780, 22.8540**, and if you desaturate by 10%, it is **136.2930, 36.2640, 14.6000**.

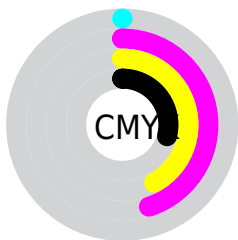
Distribution



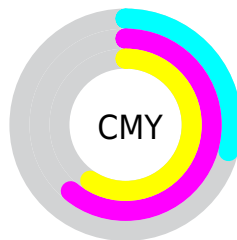
- Red (71%)
- Green (39%)
- Blue (41%)



- Red (71%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (42%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.7890, 46.6710, 18.7270 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 YIQ color 123.7890, 46.6710, 18.7270 by changing the saturation by 10% instead.

■ 123.7890, 46.6710,
18.7270

■ 123.7890, 46.6710,
18.7270

■ 255.0000, -0.0000,
-0.0000

■ 98.0060, 44.5620,
18.4020

■ 177.4690, 50.5680,
19.6880

■ 72.9240, 41.8570,
17.8650

■ 201.4790, 44.6080,
17.5680

■ 47.7820, 39.3810,
18.6850

■ 220.9930, 28.2410,
11.3210

■ 22.9390, 37.5010,
19.7170

■ 241.3220, 10.9570,
5.1730

■ 14.1670, 27.6910,
10.2750

■ 0.0000, 0.0000,
0.0000

■ 123.7890, 46.6710,
18.7270

■ 123.7890, 46.6710,
18.7270

■ 111.2850, 57.0780,
22.8540

■ 136.2930, 36.2640,
14.6000

■ 98.7810, 67.4850,
26.9810

■ 148.7970, 25.8570,
10.4730

■ 86.2770, 77.8920,
31.1080

■ 161.3010, 15.4500,
6.3460

■ 73.8870, 87.9780,
35.5460

■ 173.8050, 5.0430,
2.2190

■ 61.3830, 98.3850,
39.6730

■ 186.1950, -5.0430,
-2.2190


■ 55.0740, 103.7490,
41.5810

■ 198.6990,
-15.4500, -6.3460

■ 211.2030,
-25.8570, -10.4730

■ 223.7070,

-36.2640, -14.6000

 232.5750,
-44.7000, -15.9000

Harmonies

Analogous

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



125.1160, 32.8690, 26.5730



123.7890, 46.6710, 18.7270



122.2430, 47.7280, 5.0720

Triad

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



123.7890, 46.6710, 18.7270



114.0190, -11.3200, -26.1360



111.0080, -64.3720, -0.7880

Complementary

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



123.7890, 46.6710, 18.7270



155.2110, -46.6710, -18.7270

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.



98.2830, -90.7320, -18.6680



123.7890, 46.6710, 18.7270



105.3320, -48.8700, -28.4380

Square

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



123.7890, 46.6710, 18.7270



118.3230, 17.2430, -20.6530



97.1940, -83.5320, -28.0120



122.8500, -25.2200, 16.5400

Rectangle

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



123.7890, 46.6710, 18.7270



121.0970, 41.9070, -5.0770



97.1940, -83.5320, -28.0120



101.0760, -85.4150, -10.3990

Sweetspot

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



123.7890, 46.6710, 18.7270



212.0950, 19.0260, 7.6180



130.9580, 19.2950, 41.3030



103.2080, 11.2780, 4.8620



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



123.7890, 46.6710, 18.7270



146.8850, 73.1240, 29.4120



143.7640, 38.6510, -1.1330



82.8050, 5.0430, 2.2190



46.8870, 87.9780, 35.5460



8.0020, 14.8540, 6.1340

Inverse Universe

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



123.7890, 46.6710, 18.7270



146.8850, 73.1240, 29.4120



135.2360, -38.6510, 1.1330



82.8050, 5.0430, 2.2190



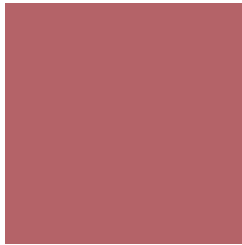
46.8870, 87.9780, 35.5460



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 123.7890, 46.6710, 18.7270 looks on a white background.

Color Contrast Check

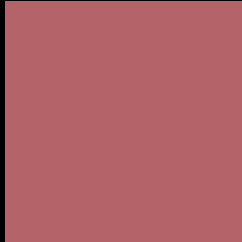
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 123.7890, 46.6710, 18.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

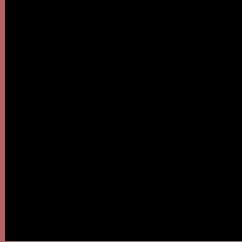
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.7890, 46.6710, 18.7270

Background



This preview shows how black text looks on a background with the YIQ color 123.7890, 46.6710, 18.7270.



This preview shows how white text looks on a background with the YIQ color 123.7890, 46.6710,

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

123.7890, 46.6710, 18.7270

Protanopia

123.3980, 4.6310, -1.3290

Deuteranopia

123.5370, 20.3570, 0.0130



Tritanopia

124.0170, 46.0290, 19.3490

Trichromacy



Original Color

123.7890, 46.6710, 18.7270

Protanomaly

123.3400, 19.7140, 6.1620

Deuteranomaly

123.4290, 29.7090, 6.7410

Tritanomaly

123.9030, 46.3500, 19.0380

Monochromacy



Original Color

123.7890, 46.6710, 18.7270

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8990, 16.6420, 6.7700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.7890, 46.6710, 18.7270 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(180, 99, 104)` looks like.

```
.text, #text, p{  
    color:rgb(180, 99, 104)  
}
```

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(180, 99, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 99, 104) }
```

Border

The CSS property to change the border of an element to YIQ 123.7890, 46.6710, 18.7270 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(180, 99, 104) }
```


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

```
.border{ border-color:rgb(180, 99, 104) }
```

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

Here you see how a box with a 4 pixel rgb(180, 99, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 99, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 99, 104);  
box-shadow:4px 4px 4px 4px rgb(180, 99,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 123.7890, 46.6710, 18.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 99, 104) }
```

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

```
.background{ background-color: rgb(180, 99,  
104) }
```

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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