

Converting Colors

YIQ(101.9120, 6.6000, 12.5520)

Have a look what the booklet for
YIQ(101.9120, 6.6000, 12.5520)
contains.

| | |
|--|----|
| YIQ(101.9120, 6.6000, 12.5520) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(101.9120, 6.6000,
12.5520)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 745C74 |
| RGB | 116, 92, 116 |
| RGB Percent | 45%, 36%, 45% |
| CMY | 0.5450, 0.6392, 0.5451 |
| CMYK | 0.00, 0.21, 0.00, 0.55 |
| HSL | 300°, 12%, 41% |
| HSV | 300°, 21%, 45% |
| XYZ | 14.1837, 12.6278, 18.2134 |
| YIQ | 101.9120, 6.6000, 12.5520 |

Conversions

Conversions Part 2

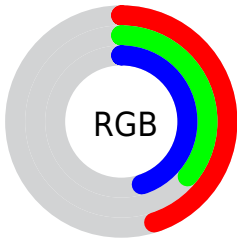
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 116, 92, 116 |
| Decimal | 7625844 |
| CIE _{Lab} | 42.20, 14.36, -9.86 |
| CIE _{LCh} | 42, 17.417, 325.528 |
| Yxy | 12.6278, 0.3150, 0.2805 |
| Android (android.graphics.Color) | 4285815924 (0xFF745C74) |
| YUV | 101.9120, 6.9454, 12.3552 |
| Hunter-Lab | 35.5356, 9.0590, -5.5136 |

Details

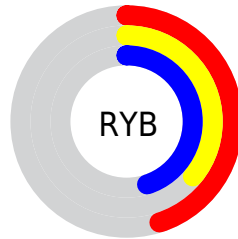
The YIQ color **101.9120, 6.6000, 12.5520** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.0880, -6.6000, -12.5520**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.7380, 7.1500, 13.5980**, and **54.7870, 5.4540, 11.2940** is the 20% darker color. If you saturate the color by 10%, you get **94.8680, 9.9000, 18.8280**, and if you desaturate by 10%, it is **108.9560, 3.3000, 6.2760**.

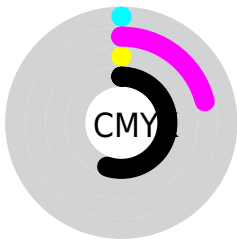
Distribution



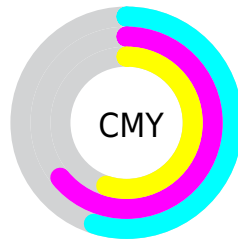
- Red (45%)
- Green (36%)
- Blue (45%)



- Red (45%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.9120, 6.6000, 12.5520 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 101.9120, 6.6000, 12.5520 by changing the saturation by 10% instead.

■ 101.9120, 6.6000,
12.5520

■ 101.9120, 6.6000,
12.5520

■ 255.0000, -0.0000,
-0.0000

■ 77.4990, 6.3250,
12.0290

■ 152.7380, 7.1500,
13.5980

■ 55.0860, 6.0500,
11.5060

■ 180.0370, 7.7460,
13.8100

■ 33.3740, 5.1790,
10.7710

■ 207.4500, 8.0210,
14.3330

■ 10.6240, 7.4710,
13.2870

■ 235.5640, 7.7000,
14.6440

■ 0.0000, 0.0000,
0.0000

■ 253.8260, 0.5500,
1.0460

■ 101.9120, 6.6000,
12.5520

■ 101.9120, 6.6000,
12.5520

■ 94.8680, 9.9000,
18.8280

■ 108.9560, 3.3000,
6.2760

■ 88.4110, 12.9250,
24.5810

■ 115.4130, 0.2750,
0.5230

■ 81.3670, 16.2250,
30.8570

■ 122.4570, -3.0250,
-5.7530

■ 74.9100, 19.2500,
36.6100

■ 128.9140, -6.0500,
-11.5060

■ 67.8660, 22.5500,
42.8860

■ 135.9580, -9.3500,
-17.7820

■ 60.8220, 25.8500,
49.1620

■ 143.0020,
-12.6500, -24.0580

■ 54.3650, 28.8750,
54.9150


■ 149.4590,
-15.6750, -29.8110

■ 47.9080, 31.9000,

■ 156.5030,

60.6680

-18.9750, -36.0870

 162.9600,
-22.0000, -41.8400

Harmonies

Analogous

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



100.7900, -7.7960, 9.1320



101.9120, 6.6000, 12.5520



101.5450, 17.8790, 11.8870

Triad

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



101.9120, 6.6000, 12.5520



99.1080, 17.0110, -5.4290



92.5060, -31.0840, -9.3560

Complementary

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



101.9120, 6.6000, 12.5520



106.0880, -6.6000, -12.5520

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.



94.1880, -21.5010, -12.3250



101.9120, 6.6000, 12.5520



97.1990, 6.3290, -10.0790

Square

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



101.9120, 6.6000, 12.5520



100.0320, 23.3370, 1.0730



95.9030, -7.5170, -12.4530



94.1950, -31.4060, -3.5180

Rectangle

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



101.9120, 6.6000, 12.5520



101.4160, 22.5560, 9.7240



95.9030, -7.5170, -12.4530



93.2350, -28.8830, -10.6990

Sweetspot

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



101.9120, 6.6000, 12.5520



144.7170, 2.4750, 4.7070



94.7360, -7.7040, 7.4640



73.3640, 1.9710, 2.8270



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.



101.9120, 6.6000, 12.5520



128.2810, 10.1750, 19.3510



100.5440, 10.4520, 8.8200



55.4780, 1.6500, 3.1380



50.3860, 33.5500, 63.8060



103.2500, 68.7500, 130.7500

Inverse Universe

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



101.9120, 6.6000, 12.5520



128.2810, 10.1750, 19.3510



107.4560, -10.4520, -8.8200



55.4780, 1.6500, 3.1380



50.3860, 33.5500, 63.8060



103.2500, 68.7500, 130.7500

Previews

White Background



This preview shows how the YIQ color 101.9120, 6.6000, 12.5520 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 YIQ color 101.9120, 6.6000, 12.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

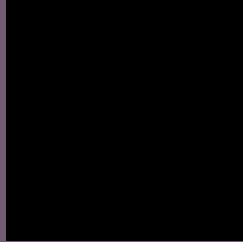
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.9120, 6.6000, 12.5520

Background



This preview shows how black text looks on a background with the YIQ color 101.9120, 6.6000, 12.5520.



This preview shows how white text looks on a background with the YIQ color 101.9120, 6.6000,

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

101.9120, 6.6000, 12.5520

Protanopia

100.3120, -9.4460, 5.9940

Deuteranopia

100.5470, -2.7980, 6.6580



Tritanopia

101.4790, 9.0770, 6.2050

Trichromacy



Original Color

101.9120, 6.6000, 12.5520

Protanomaly

100.7150, -3.2110, 8.6370

Deuteranomaly

100.8680, 0.7320, 8.7640

Tritanomaly

101.7610, 8.3430, 8.4950

Monochromacy



Original Color

101.9120, 6.6000, 12.5520

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.9120, 6.6000, 12.5520 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(116, 92, 116)` looks like.

```
.text, #text, p{  
    color:rgb(116, 92, 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(116, 92, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 116) }
```

Border

The CSS property to change the border of an element to YIQ 101.9120, 6.6000, 12.5520 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(116, 92, 116) }
```


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

```
.border{ border-color:rgb(116, 92, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 92, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 92, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 92, 116); box-shadow:4px 4px 4px 4px rgb(116, 92, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 101.9120, 6.6000, 12.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 92, 116) }
```

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

```
.background{ background-color: rgb(116, 92,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor