

Converting Colors

YIQ(151.7460, 4.6720, 25.4720)

Have a look what the booklet for
YIQ(151.7460, 4.6720, 25.4720)
contains.

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Color

**YIQ(151.7460, 4.6720,
25.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	AC86BE
RGB	172, 134, 190
RGB Percent	67%, 53%, 75%
CMY	0.3254, 0.4746, 0.2549
CMYK	0.09, 0.29, 0.00, 0.25
HSL	281°, 30%, 64%
HSV	281°, 29%, 75%
XYZ	34.8368, 29.5375, 52.5768
YIQ	151.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

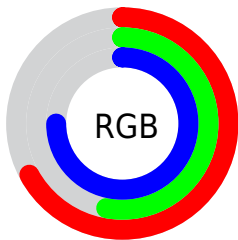
Format	Color
R_{YB}	172, 134, 190
Decimal	11306686
CIE _{Lab}	61.25, 24.84, -23.71
CIE _{LCh}	61, 34.338, 316.328
Yxy	29.5375, 0.2979, 0.2526
Android (android.graphics.Color)	4289496766 (0xFFAC86BE)
YUV	151.7460, 18.8592, 17.7628
Hunter-Lab	54.3484, 19.3068, -19.3134

Details

The YIQ color $151.7460, 4.6720, 25.4720$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $172.2540, -4.6720, -25.4720$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $206.5720, 5.2220, 26.5180$, and $100.3930, 4.1680, 23.5920$ is the 20% darker color. If you saturate the color by 10%, you get $138.7990, 6.3210, 34.1370$, and if you desaturate by 10%, it is $164.6930, 3.0230, 16.8070$.

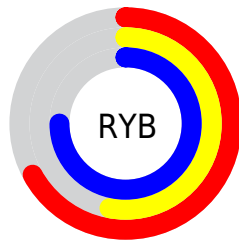
Distribution



Red (67%)

Green (53%)

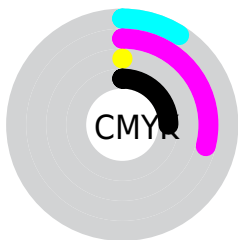
Blue (75%)



Red (67%)

Yellow (53%)

Blue (75%)

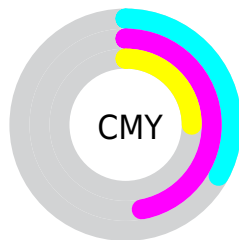


Cyan (9%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.7460, 4.6720, 25.4720 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 151.7460, 4.6720, 25.4720 by changing the saturation by 10% instead.

151.7460, 4.6720,
25.4720

151.7460, 4.6720,
25.4720

255.0000, -0.0000,
-0.0000

125.3330, 4.3970,
24.9490

206.5720, 5.2220,
26.5180

100.3930, 4.1680,
23.5920

231.5200, 11.0000,
20.9200

75.9800, 3.8930,
23.0690

248.5430, 3.0250,
5.7530

52.7410, 3.0680,
21.5000

30.3280, 2.7930,
20.9770

13.0460, 3.5270,
18.6870

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 151.7460, 4.6720,
25.4720

■ 151.7460, 4.6720,
25.4720

■ 138.7990, 6.3210,
34.1370

■ 164.6930, 3.0230,
16.8070

■ 125.8520, 7.9700,
42.8020

■ 177.6400, 1.3740,
8.1420

■ 112.9050, 9.6190,
51.4670

■ 190.5870, -0.2750,
-0.5230

■ 99.9580, 11.2680,
60.1320

■ 203.5340, -1.9240,
-9.1880

■ 87.0110, 12.9170,
68.7970

■ 216.4810, -3.5730,
-17.8530

73.7650, 13.9700,
77.2500

229.7270, -4.6260,
-26.3060

60.8180, 15.6190,
85.9150

235.6300, -2.9750,
-28.6950

60.2310, 15.8940,
86.4380

237.4240, 0.6010,
-27.4230

239.2180, 4.1770,
-26.1510

Harmonies

Analogous

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



147.7680, -27.9250, 16.0030



151.7460, 4.6720, 25.4720



151.7460, 31.0350, 26.7710

Triad

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



151.7460, 4.6720, 25.4720



146.7330, 39.9360, -7.9040



124.2330, -79.2680, -28.1960

Complementary

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



151.7460, 4.6720, 25.4720



172.2540, -4.6720, -25.4720

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.



134.1650, -41.0300, -27.3500



151.7460, 4.6720, 25.4720



143.9320, 19.9020, -19.2820

Square

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



151.7460, 4.6720, 25.4720



148.6670, 49.4700, 6.5420



140.2860, -7.6980, -25.6980



122.2610, -93.6660, -20.5620

Rectangle

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



151.7460, 4.6720, 25.4720



150.5700, 43.0940, 22.9820



140.2860, -7.6980, -25.6980



128.0620, -65.6050, -28.0130

Sweetspot

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



151.7460, 4.6720, 25.4720



231.9930, 1.8780, 10.0220



151.5370, -23.2010, 7.4790



115.5860, 1.4660, 6.4740



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.7460, 4.6720, 25.4720



188.4450, 7.5580, 39.2540



156.1020, 18.2890, 26.4890



87.8200, 0.6870, 4.0710



50.0050, 13.0540, 71.8220



9.8130, 2.5650, 14.0930

Inverse Universe

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



152.7960, 27.5980, 17.4700



189.9060, 42.2680, 26.9400



167.8980, -18.2890, -26.4890



88.0330, 4.4010, 2.8410



53.0560, 77.7970, 49.3570



10.4090, 15.2660, 9.6820

Previews

White Background



This preview shows how the YIQ color 151.7460, 4.6720, 25.4720 looks on a white background.

Color Contrast Check

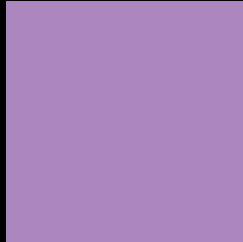
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.7460, 4.6720, 25.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

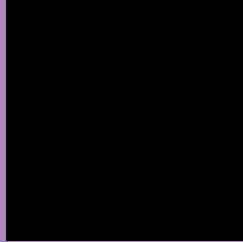
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.7460, 4.6720, 25.4720

Background



This preview shows how black text looks on a background with the YIQ color 151.7460, 4.6720, 25.4720.



This preview shows how white text looks on a background with the YIQ color 151.7460, 4.6720,

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

151.7460, 4.6720, 25.4720

Protanopia

148.1550, -24.7610, 13.7270

Deuteranopia

149.0050, -15.5910, 12.7370



Tritanopia

149.7290, 11.3690, 8.7210

Trichromacy



Original Color

151.7460, 4.6720, 25.4720

Protanomaly

149.6510, -14.3540, 17.8540

Deuteranomaly

150.0600, -8.2560, 17.4720

Tritanomaly

150.1620, 8.8920, 15.0680

Monochromacy



Original Color

151.7460, 4.6720, 25.4720

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.5800, 1.6030, 9.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.7460, 4.6720, 25.4720 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(172, 134, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 190)  
}
```

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(172, 134, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 190) }
```

Border

The CSS property to change the border of an element to YIQ 151.7460, 4.6720, 25.4720 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(172, 134, 190) }
```


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

```
.border{ border-color:rgb(172, 134, 190) }
```

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

Here you see how a box with a 4 pixel rgb(172, 134, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 151.7460, 4.6720, 25.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 190) }
```

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

```
.background{ background-color: rgb(172,  
134, 190) }
```

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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