

Converting Colors

YIQ(218.9690, -6.7420, 12.0580)

Have a look what the booklet for
YIQ(218.9690, -6.7420, 12.0580)
contains.

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Color

**YIQ(218.9690, -6.7420,
12.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD5F7
RGB	220, 213, 247
RGB Percent	86%, 84%, 97%
CMY	0.1372, 0.1647, 0.0314
CMYK	0.11, 0.14, 0.00, 0.03
HSL	252°, 68%, 90%
HSV	252°, 14%, 97%
XYZ	70.0981, 69.5188, 97.7086
YIQ	218.9690, -6.7420, 12.0580

Conversions

Conversions Part 2

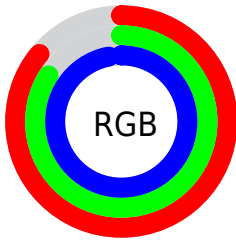
Format	Color
R_{YB}	220, 213, 247
Decimal	14472695
CIE _{Lab}	86.76, 8.81, -15.74
CIE _{LCh}	87, 18.036, 299.247
Yxy	69.5188, 0.2954, 0.2929
Android (android.graphics.Color)	4292662775 (0xFFD5CD5F7)
YUV	218.9690, 13.8193, 0.9042
Hunter-Lab	83.3779, 4.1584, -11.1160

Details

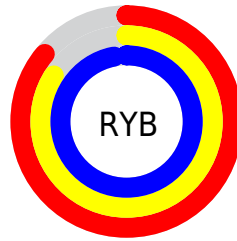
The YIQ color $218.9690, -6.7420, 12.0580$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.0310, 6.7420, -12.0580$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.8550, -6.4210, 11.7470$ is the 20% darker color. If you saturate the color by 10%, you get $198.3140, -11.7870, 20.8930$, and if you desaturate by 10%, it is $239.6240, -1.6970, 3.2230$.

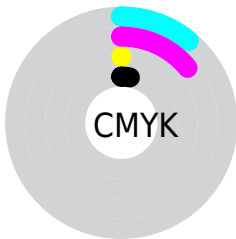
Distribution



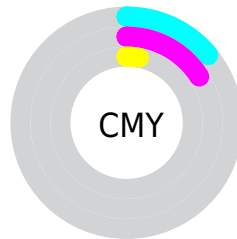
- Red (86%)
- Green (84%)
- Blue (97%)



- Red (86%)
- Yellow (84%)
- Blue (97%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.9690, -6.7420, 12.0580 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 218.9690, -6.7420, 12.0580 by changing the saturation by 10% instead.

■ 218.9690, -6.7420,
12.0580

■ 218.9690, -6.7420,
12.0580

255.0000, -0.0000,
-0.0000

■ 190.8550, -6.4210,
11.7470

■ 163.8550, -6.4210,
11.7470

■ 137.3280, -6.3750,
10.9130

■ 112.2140, -6.0540,
10.6020

■ 87.8010, -6.3290,
10.0790

■ 64.2740, -6.2830,
9.2450

■ 42.1600, -5.9620,

8.9340

■ 21.6330, -5.9160,
8.1000

■ 2.9810, -7.0160,
6.0080

■ 218.9690, -6.7420,
12.0580

■ 218.9690, -6.7420,
12.0580

■ 198.3140,
-11.7870, 20.8930

■ 239.6240, -1.6970,
3.2230

■ 178.5450,
-16.5110, 29.4170

■ 254.0880, 2.5680,
-2.4880

■ 157.8900,
-21.5560, 38.2520

■ 137.5340,
-26.0050, 47.2990

■ 117.4660,
-31.3250, 55.6110

■ 96.8110, -36.3700,
64.4460

■ 76.4550, -40.8190,
73.4930

■ 55.8000, -45.8640,
82.3280

■ 43.4070, -48.8910,
87.6290

Harmonies

Analogous

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



216.3690, -22.7880, 5.5000



218.9690, -6.7420, 12.0580



220.3470, 9.8090, 14.9690

Triad

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



218.9690, -6.7420, 12.0580



218.2560, 28.5180, 0.7900



211.0950, -25.6730, -13.8090

Complementary

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



218.9690, -6.7420, 12.0580



241.0310, 6.7420, -12.0580

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.



212.4680, -10.7260, -14.8700



218.9690, -6.7420, 12.0580



216.7230, 19.5330, -7.0830

Square

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



218.9690, -6.7420, 12.0580



219.4830, 29.6170, 8.4090



214.4330, 5.5500, -12.4820



211.5380, -34.1100, -9.5820

Rectangle

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



218.9690, -6.7420, 12.0580



220.6100, 19.2540, 14.5020



214.4330, 5.5500, -12.4820



211.6070, -21.3630, -14.8270

Sweetspot

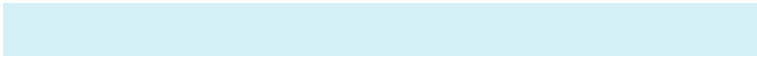
The Sweet Spot groups the original color and five complimentary colors.



218.9690, -6.7420, 12.0580



246.7380, -2.0180, 3.5340



232.7250, -18.3390, -3.5470



122.0970, -1.6510, 2.3890



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



218.9690, -6.7420, 12.0580



219.5930, -8.4390, 15.2810



224.0520, 3.3900, 15.6620



112.2650, -2.0640, 4.3680



32.5660, -37.0580, 65.9020



10.3140, -11.7870, 20.8930

Inverse Universe

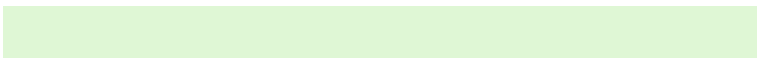
The Inverse Universe completely reimagines the original color for something new.



226.2440, 11.5970, 15.6050



228.7330, 14.7140, 19.6900



235.9480, -3.3900, -15.6620



114.7280, 3.9420, 5.6540



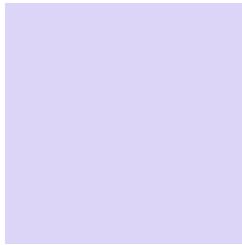
72.4860, 63.3480, 85.4600



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 218.9690, -6.7420, 12.0580 looks on a white background.

Color Contrast Check

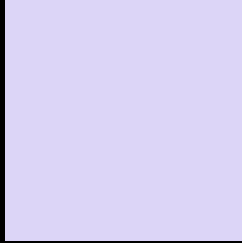
Large Text (above 18pt) WCAG AA × Fail

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 218.9690, -6.7420, 12.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

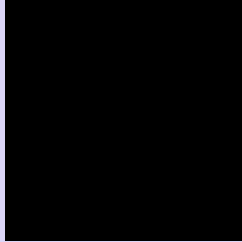
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.9690, -6.7420, 12.0580

Background



This preview shows how black text looks on a background with the YIQ color 218.9690, -6.7420, 12.0580.

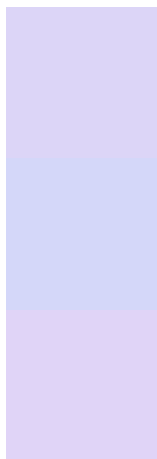


This preview shows how white text looks on a background with the YIQ color 218.9690, -6.7420,

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

218.9690, -6.7420, 12.0580

Protanopia

217.9790, -12.7020, 9.9380

Deuteranopia

219.5780, -4.0830, 13.4290



Tritanopia

217.8350, -3.6690, 5.9230

Trichromacy



Original Color

218.9690, -6.7420, 12.0580

Protanomaly

218.1750, -10.3180, 10.7860

Deuteranomaly

219.2790, -4.6790, 13.2170

Tritanomaly

218.1170, -4.4030, 8.2130

Monochromacy



Original Color

218.9690, -6.7420, 12.0580

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.9660, -2.6600, 4.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.9690, -6.7420, 12.0580 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(220, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(220, 213, 247)  
}
```

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(220, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 213, 247) }
```

Border

The CSS property to change the border of an element to YIQ 218.9690, -6.7420, 12.0580 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(220, 213, 247) }
```


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

```
.border{ border-color:rgb(220, 213, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(220, 213,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 218.9690, -6.7420, 12.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 213, 247) }
```

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

```
.background{ background-color: rgb(220,  
213, 247) }
```

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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