

Converting Colors

YIQ(228.4990, 6.3250, 12.0290)

Have a look what the booklet for
YIQ(228.4990, 6.3250, 12.0290)
contains.

YIQ(228.4990, 6.3250, 12.0290)	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(228.4990, 6.3250,
12.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DBF2
RGB	242, 219, 242
RGB Percent	95%, 86%, 95%
CMY	0.0509, 0.1412, 0.0510
CMYK	0.00, 0.10, 0.00, 0.05
HSL	300°, 47%, 90%
HSV	300°, 10%, 95%
XYZ	77.9803, 75.9493, 94.5555
YIQ	228.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

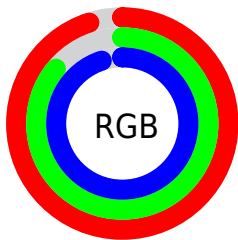
Format	Color
R _Y B	242, 219, 242
Decimal	15916018
CIE Lab	89.84, 11.89, -8.34
CIE LCh	90, 14.521, 324.964
Yxy	75.9493, 0.3138, 0.3056
Android (android.graphics.Color)	4294106098 (0xFFFF2DBF2)
YUV	228.4990, 6.6560, 11.8404
Hunter-Lab	87.1489, 7.2101, -3.3247

Details

The YIQ color $228.4990, 6.3250, 12.0290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.5010, -6.3250, -12.0290$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.0860, 6.0500, 11.5060$ is the 20% darker color. If you saturate the color by 10%, you get $214.4110, 12.9250, 24.5810$, and if you desaturate by 10%, it is $242.5870, -0.2750, -0.5230$.

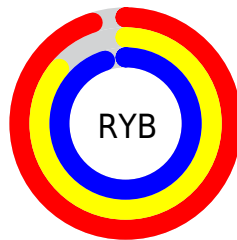
Distribution



Red (95%)

Green (86%)

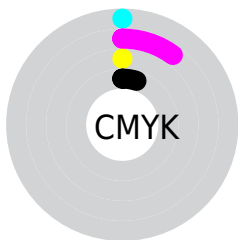
Blue (95%)



Red (95%)

Yellow (86%)

Blue (95%)

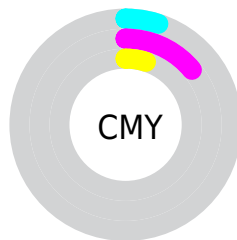


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.4990, 6.3250, 12.0290 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 228.4990, 6.3250, 12.0290 by changing the saturation by 10% instead.

228.4990, 6.3250,
12.0290

228.4990, 6.3250,
12.0290

255.0000, -0.0000,
-0.0000

200.4990, 6.3250,
12.0290

173.0860, 6.0500,
11.5060

146.6730, 5.7750,
10.9830

120.6730, 5.7750,
10.9830

95.9610, 4.9040,
10.2480

71.8470, 5.2250,
9.9370

49.4340, 4.9500,

9.4140

■ 28.6080, 4.4000,
8.3680

■ 7.4340, 4.9500,
9.4140

■ 228.4990, 6.3250,
12.0290

■ 228.4990, 6.3250,
12.0290

■ 214.4110, 12.9250,
24.5810

■ 242.5870, -0.2750,
-0.5230

■ 200.3230, 19.5250,
37.1330

■ 249.6310, -3.5750,
-6.7990

■ 185.6480, 26.4000,
50.2080

■ 171.5600, 33.0000,
62.7600

■ 157.4720, 39.6000,
75.3120

■ 143.3840, 46.2000,
87.8640

■ 129.2960, 52.8000,
100.4160

■ 114.6210, 59.6750,
113.4910

■ 100.5330, 66.2750,
126.0430

Harmonies

Analogous

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



227.0890, -7.2000, 9.3440



228.4990, 6.3250, 12.0290



229.1320, 17.6040, 11.3640

Triad

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



228.4990, 6.3250, 12.0290



225.8200, 17.8820, -4.6940



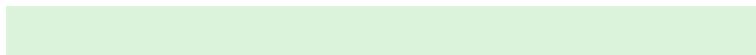
221.4850, -26.5910, -8.1830

Complementary

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



228.4990, 6.3250, 12.0290



232.5010, -6.3250, -12.0290

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.



221.3840, -19.1170, -11.4770



228.4990, 6.3250, 12.0290



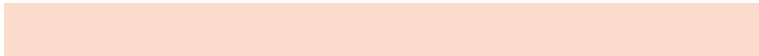
224.6120, 6.6040, -9.5560

Square

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



228.4990, 6.3250, 12.0290



227.4450, 23.6120, 1.5960



222.6150, -6.6460, -11.7180



222.7610, -27.1880, -2.8680

Rectangle

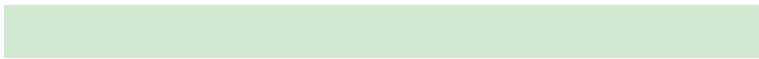
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.4990, 6.3250, 12.0290



228.5900, 22.0060, 8.6780



222.6150, -6.6460, -11.7180



221.2140, -24.3900, -9.5260

Sweetspot

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



228.4990, 6.3250, 12.0290



250.3040, 2.2000, 4.1840



221.6220, -7.3830, 7.1530



124.3640, 1.9710, 2.8270



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.



228.4990, 6.3250, 12.0290



238.5640, 7.7000, 14.6440



227.2450, 9.8560, 8.6080



112.9560, 3.3000, 6.2760



75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Inverse Universe

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



228.4990, 6.3250, 12.0290



238.5640, 7.7000, 14.6440



233.8690, -10.1770, -8.2970



112.9560, 3.3000, 6.2760



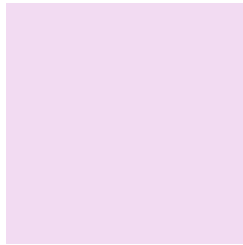
75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Previews

White Background



This preview shows how the YIQ color 228.4990, 6.3250, 12.0290 looks on a white background.

Color Contrast Check

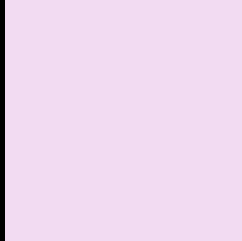
Large Text (above 18pt) WCAG AA × Fail

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 228.4990, 6.3250, 12.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

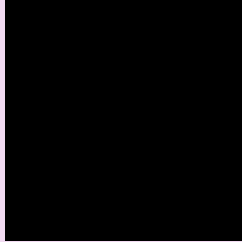
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.4990, 6.3250, 12.0290

Background



This preview shows how black text looks on a background with the YIQ color 228.4990, 6.3250, 12.0290.



This preview shows how white text looks on a background with the YIQ color 228.4990, 6.3250,

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

228.4990, 6.3250, 12.0290

Protanopia

226.9810, -7.0160, 6.0080

Deuteranopia

228.2000, 5.7290, 11.8170



Tritanopia

228.2170, 7.0590, 9.7390

Trichromacy



Original Color

228.4990, 6.3250, 12.0290

Protanomaly

227.7860, -1.9730, 8.2270

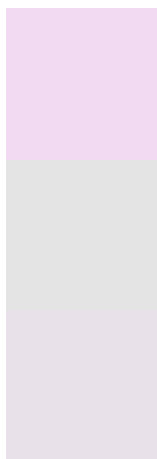
Deuteranomaly

228.2000, 5.7290, 11.8170

Tritanomaly

228.4450, 6.4170, 10.3610

Monochromacy



Original Color

228.4990, 6.3250, 12.0290

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.3040, 2.2000, 4.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.4990, 6.3250, 12.0290 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(242, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 242)  
}
```

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(242, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 242) }
```

Border

The CSS property to change the border of an element to YIQ 228.4990, 6.3250, 12.0290 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(242, 219, 242) }
```


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

```
.border{ border-color:rgb(242, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 219, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 219, 242); box-shadow:4px 4px 4px 4px rgb(242, 219, 242) }
```

Background

The CSS property to change the background color of an element to YIQ 228.4990, 6.3250, 12.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 242) }
```

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

```
.background{ background-color: rgb(242,  
219, 242) }
```

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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