

Converting Colors

YIQ(212.3030, 22.2770, 31.3090)

Have a look what the booklet for
YIQ(212.3030, 22.2770, 31.3090)
contains.

YIQ(212.3030, 22.2770, 31.3090)	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(212.3030, 22.2770,
31.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBAF1
RGB	253, 186, 241
RGB Percent	99%, 73%, 95%
CMY	0.0076, 0.2707, 0.0549
CMYK	0.00, 0.27, 0.05, 0.01
HSL	311°, 95%, 86%
HSV	311°, 27%, 99%
XYZ	73.9579, 62.3495, 91.3649
YIQ	212.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

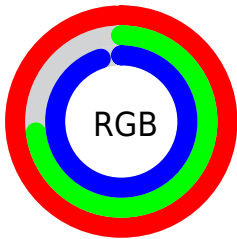
Format	Color
R _Y B	253, 186, 241
Decimal	16628465
CIE Lab	83.10, 32.74, -17.78
CIE LCh	83, 37.255, 331.492
Yxy	62.3495, 0.3248, 0.2739
Android (android.graphics.Color)	4294818545 (0xFFFD BAF1)
YUV	212.3030, 14.1476, 35.6913
Hunter-Lab	78.9617, 29.0056, -13.3300

Details

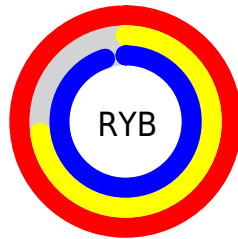
The YIQ color **212.3030, 22.2770, 31.3090** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **226.6970, -22.2770, -31.3090**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.9560, 3.3000, 6.2760**, and **157.1780, 21.1310, 30.0510** is the 20% darker color. If you saturate the color by 10%, you get **197.0580, 30.7570, 42.8290**, and if you desaturate by 10%, it is **227.5480, 13.7970, 19.7890**.

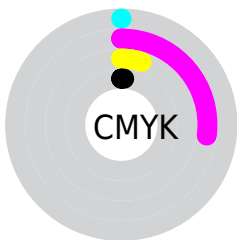
Distribution



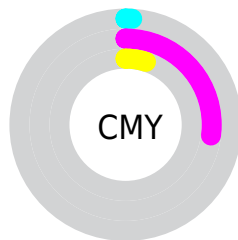
- Red (99%)
- Green (73%)
- Blue (95%)



- Red (99%)
- Yellow (73%)
- Blue (95%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.3030, 22.2770, 31.3090 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 212.3030, 22.2770, 31.3090 by changing the saturation by 10% instead.

212.3030, 22.2770,
31.3090

212.3030, 22.2770,
31.3090

255.0000, -0.0000,
-0.0000

184.5910, 21.4060,
30.5740

247.9560, 3.3000,
6.2760

157.1780, 21.1310,
30.0510

130.4660, 20.2600,
29.3160

104.7540, 19.3890,
28.5810

79.9280, 18.8390,
27.5350

55.3300, 17.6470,
27.1110

29.9710, 17.2800,

28.2560

■ 16.7760, 13.1550,
20.4110

■ 1.8950, -3.8980,
4.5660

■ 212.3030, 22.2770,
31.3090

■ 212.3030, 22.2770,
31.3090

■ 197.0580, 30.7570,
42.8290

■ 227.5480, 13.7970,
19.7890

■ 181.3400, 39.1910,
55.1830

■ 243.2660, 5.3630,
7.4350

■ 166.0950, 47.6710,
66.7030

254.4020, -1.1920,
-0.4240

■ 150.9640, 55.8300,
78.5340

■ 135.1320, 64.5850,
90.5770

■ 120.0010, 72.7440,
102.4080

■ 104.7560, 81.2240,
113.9280

■ 99.3590, 84.0200,
118.3240

Harmonies

Analogous

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



208.6950, -8.4860, 21.6420



212.3030, 22.2770, 31.3090



206.0900, 35.7580, 23.7740

Triad

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



212.3030, 22.2770, 31.3090



204.4240, 36.1320, -16.0600



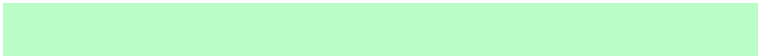
185.9750, -87.1090, -23.7570

Complementary

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



212.3030, 22.2770, 31.3090



226.6970, -22.2770, -31.3090

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.



189.5630, -62.7620, -29.9780



212.3030, 22.2770, 31.3090



200.8440, 8.1660, -26.8580

Square

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



212.3030, 22.2770, 31.3090



206.1800, 52.0390, -1.4730



195.6580, -26.5410, -31.1250



190.8120, -75.9240, -11.7000

Rectangle

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



212.3030, 22.2770, 31.3090



203.9410, 43.1870, 15.7870



195.6580, -26.5410, -31.1250



186.2050, -82.0650, -27.0650

Sweetspot

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



212.3030, 22.2770, 31.3090



242.8040, 6.7840, 9.2160



196.9270, -14.9510, 23.1690



120.0270, 4.5380, 5.8660



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.



212.3030, 22.2770, 31.3090



205.1560, 27.3650, 38.2210



208.5410, 32.8700, 21.0460



120.0270, 4.5380, 5.8660



75.0070, 63.4390, 89.3190



25.0640, 21.4520, 29.7400

Inverse Universe

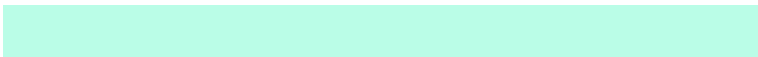
The Inverse Universe completely reimagines the original color for something new.



212.3030, 22.2770, 31.3090



205.1560, 27.3650, 38.2210



230.4590, -32.8700, -21.0460



120.0270, 4.5380, 5.8660



75.0070, 63.4390, 89.3190



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 212.3030, 22.2770, 31.3090 looks on a white background.

Color Contrast Check

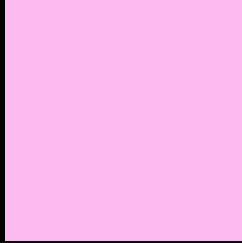
Large Text (above 18pt) WCAG AA × Fail

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 212.3030, 22.2770, 31.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

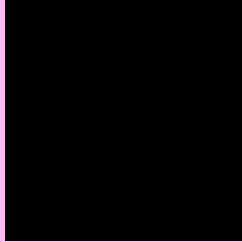
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.3030, 22.2770, 31.3090

Background



This preview shows how black text looks on a background with the YIQ color 212.3030, 22.2770, 31.3090.



This preview shows how white text looks on a background with the YIQ color 212.3030, 22.2770,

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

212.3030, 22.2770, 31.3090

Protanopia

207.8950, -21.0930, 13.3310

Deuteranopia

209.3930, -5.0000, 13.5280



Tritanopia

210.7530, 29.1570, 16.7490

Trichromacy



Original Color

212.3030, 22.2770, 31.3090



Protanomaly

209.4950, -5.0470, 19.8890



Deuteranomaly

210.4700, 5.2690, 20.1570



Tritanomaly

211.2460, 26.4510, 21.7390

Monochromacy



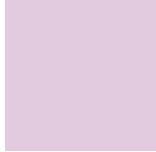
Original Color

212.3030, 22.2770, 31.3090



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.4560, 7.8840, 11.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3030, 22.2770, 31.3090 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(253, 186, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 186, 241)  
}
```

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(253, 186, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 186, 241) }
```

Border

The CSS property to change the border of an element to YIQ 212.3030, 22.2770, 31.3090 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(253, 186, 241) }
```


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

```
.border{ border-color:rgb(253, 186, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 186, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 186, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 186, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 186,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3030, 22.2770, 31.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 186, 241) }
```

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

```
.background{ background-color: rgb(253,  
186, 241) }
```

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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