

Converting Colors

YIQ(206.3030, 22.2770, 31.3090)

Have a look what the booklet for
YIQ(206.3030, 22.2770, 31.3090)
contains.

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Color

**YIQ(206.3030, 22.2770,
31.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B4EB
RGB	247, 180, 235
RGB Percent	97%, 71%, 92%
CMY	0.0312, 0.2942, 0.0784
CMYK	0.00, 0.27, 0.05, 0.03
HSL	311°, 81%, 84%
HSV	311°, 27%, 97%
XYZ	69.6879, 58.4132, 86.2080
YIQ	206.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

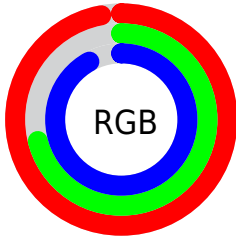
Format	Color
R _Y B	247, 180, 235
Decimal	16233707
CIE Lab	80.97, 32.90, -17.84
CIE LCh	81, 37.421, 331.532
Yxy	58.4132, 0.3252, 0.2726
Android (android.graphics.Color)	4294423787 (0xFFF7B4EB)
YUV	206.3030, 14.1476, 35.6913
Hunter-Lab	76.4285, 29.0072, -13.3766

Details

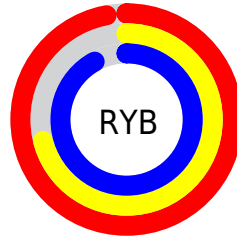
The YIQ color $206.3030, 22.2770, 31.3090$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $220.6970, -22.2770, -31.3090$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $151.1780, 21.1310, 30.0510$ is the 20% darker color. If you saturate the color by 10%, you get $191.1720, 30.4360, 43.1400$, and if you desaturate by 10%, it is $221.4340, 14.1180, 19.4780$.

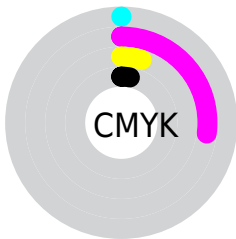
Distribution



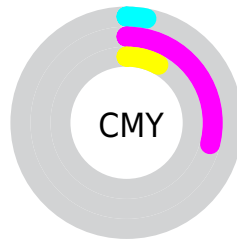
- Red (97%)
- Green (71%)
- Blue (92%)



- Red (97%)
- Yellow (71%)
- Blue (92%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3030, 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 206.3030, 22.2770, 31.3090 by changing the saturation by 10% instead.

206.3030, 22.2770,
31.3090

206.3030, 22.2770,
31.3090

255.0000, -0.0000,
-0.0000

178.5910, 21.4060,
30.5740

243.8470, 5.2250,
9.9370

151.1780, 21.1310,
30.0510

125.0530, 19.9850,
28.7930

99.3410, 19.1140,
28.0580

74.6290, 18.2430,
27.3230

50.3300, 17.6470,
27.1110

24.9710, 17.2800,

28.2560

■ 15.4230, 12.6510,
18.5310

■ 0.6840, -1.9260,
1.8660

■ 206.3030, 22.2770,
31.3090

■ 206.3030, 22.2770,
31.3090

■ 191.1720, 30.4360,
43.1400

■ 221.4340, 14.1180,
19.4780

■ 176.5140, 38.6410,
54.1370

■ 236.0920, 5.9130,
8.4810

■ 161.3830, 46.8000,
65.9680

■ 251.2230, -2.2460,
-3.3500

■ 146.1380, 55.2800,
77.4880

■ 252.3800, -4.1260,
-2.3180

■ 131.0070, 63.4390,
89.3190

■ 252.6080, -4.7680,
-1.6960

■ 116.3490, 71.6440,
100.3160

■ 101.2180, 79.8030,
112.1470

■ 96.9950, 82.0490,
115.4970

Harmonies

Analogous

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



203.3790, -10.4120, 23.5080



206.3030, 22.2770, 31.3090



201.2970, 39.6090, 25.5690

Triad

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



206.3030, 22.2770, 31.3090



198.4240, 36.1320, -16.0600



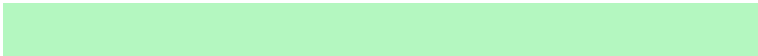
179.0780, -88.8970, -24.3930

Complementary

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



206.3030, 22.2770, 31.3090



220.6970, -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.



183.2640, -63.3580, -30.1900



206.3030, 22.2770, 31.3090



194.8440, 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.



206.3030, 22.2770, 31.3090



201.0770, 53.8270, -0.8370



189.7720, -26.8620, -30.8140



185.7840, -78.7210, -10.5690

Rectangle

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



206.3030, 22.2770, 31.3090



199.7350, 46.7630, 17.0590



189.7720, -26.8620, -30.8140



179.6070, -83.2570, -27.4890

Sweetspot

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



206.3030, 22.2770, 31.3090



242.8040, 6.7840, 9.2160



190.9270, -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.



206.3030, 22.2770, 31.3090



203.9820, 27.9150, 39.2670



202.5410, 32.8700, 21.0460



114.7280, 3.9420, 5.6540



73.0560, 61.7430, 87.0150



23.1130, 19.7560, 27.4360

Inverse Universe

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



206.3030, 22.2770, 31.3090



203.9820, 27.9150, 39.2670



224.4590, -32.8700, -21.0460



114.7280, 3.9420, 5.6540



73.0560, 61.7430, 87.0150



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 206.3030, 22.2770, 31.3090 looks on a white background.

Color Contrast Check

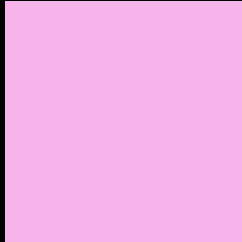
Large Text (above 18pt) WCAG AA × Fail

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 206.3030, 22.2770, 31.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

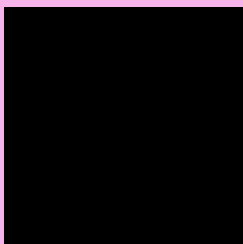
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.3030, 22.2770, 31.3090

Background



This preview shows how black text looks on a background with the YIQ color 206.3030, 22.2770, 31.3090.



This preview shows how white text looks on a background with the YIQ color 206.3030, 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

206.3030, 22.2770, 31.3090

Protanopia

201.8950, -21.0930, 13.3310

Deuteranopia

203.0940, -5.5960, 13.3160



Tritanopia

204.7530, 29.1570, 16.7490

Trichromacy



Original Color

206.3030, 22.2770, 31.3090



Protanomaly

203.4950, -5.0470, 19.8890



Deuteranomaly

204.1710, 4.6730, 19.9450



Tritanomaly

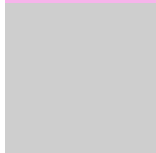
205.2460, 26.4510, 21.7390

Monochromacy



Original Color

206.3030, 22.2770, 31.3090



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.4560, 7.8840, 11.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3030, 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(247, 180, 235)` looks like.

```
.text, #text, p{  
    color:rgb(247, 180, 235)  
}
```

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(247, 180, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 180, 235) }
```

Border

The CSS property to change the border of an element to YIQ 206.3030, 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(247, 180, 235) }
```


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

```
.border{ border-color:rgb(247, 180, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 180, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 180, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 180, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 180,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3030, 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(247, 180, 235) }
```

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

```
.background{ background-color: rgb(247,  
180, 235) }
```

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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