

Converting Colors

YIQ(203.1460, 24.1570, 30.2770)

Have a look what the booklet for
YIQ(203.1460, 24.1570, 30.2770)
contains.

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Color

**YIQ(203.1460, 24.1570,
30.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B1E4
RGB	245, 177, 228
RGB Percent	96%, 69%, 89%
CMY	0.0390, 0.3060, 0.1058
CMYK	0.00, 0.28, 0.07, 0.04
HSL	315°, 77%, 83%
HSV	315°, 28%, 96%
XYZ	67.3955, 56.4566, 80.7543
YIQ	203.1460, 24.1570, 30.2770

Conversions

Conversions Part 2

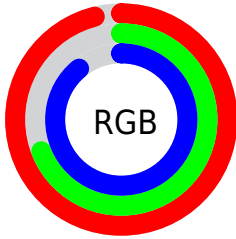
Format	Color
R _Y B	245, 177, 228
Decimal	16101860
CIE Lab	79.87, 32.62, -15.74
CIE LCh	80, 36.215, 334.242
Yxy	56.4566, 0.3294, 0.2759
Android (android.graphics.Color)	4294291940 (0xFFFF5B1E4)
YUV	203.1460, 12.2530, 36.7060
Hunter-Lab	75.1376, 28.6167, -11.1257

Details

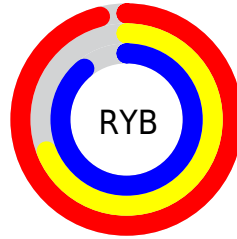
The YIQ color $203.1460, 24.1570, 30.2770$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $218.8540, -24.1570, -30.2770$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $148.7220, 22.4150, 28.8070$ is the 20% darker color. If you saturate the color by 10%, you get $187.7870, 32.9580, 41.4860$, and if you desaturate by 10%, it is $217.9180, 15.6310, 19.5910$.

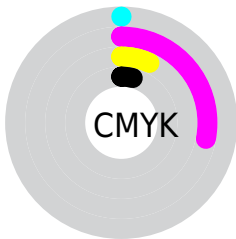
Distribution



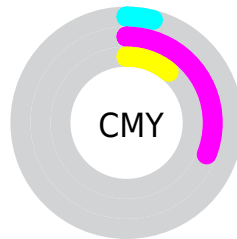
- Red (96%)
- Green (69%)
- Blue (89%)



- Red (96%)
- Yellow (69%)
- Blue (89%)



- Cyan (0%)
- Magenta (28%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.1460, 24.1570, 30.2770 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 203.1460, 24.1570, 30.2770 by changing the saturation by 10% instead.


 203.1460, 24.1570,
30.2770


 203.1460, 24.1570,
30.2770


255.0000, -0.0000,
-0.0000


 175.4340, 23.2860,
29.5420

 242.0860, 6.0500,
11.5060

 148.7220, 22.4150,
28.8070

 122.0100, 21.5440,
28.0720

 96.5970, 21.2690,
27.5490

 71.5860, 19.8020,
26.6020

 47.4010, 18.8850,
26.7010

 22.9280, 18.8390,

27.5350

■ 14.9670, 13.9350,
17.2870

■ 0.0000, 0.0000,
0.0000

■ 203.1460, 24.1570,
30.2770

■ 203.1460, 24.1570,
30.2770

■ 187.7870, 32.9580,
41.4860

■ 217.9180, 15.6310,
19.5910

■ 173.0150, 41.4840,
52.1720

■ 233.2770, 6.8300,
8.3820

■ 157.6560, 50.2850,
63.3810

■ 248.0490, -1.6960,
-2.3040

■ 142.7700, 59.1320,
73.7560

■ 251.7820, -5.3180,
-2.7420

■ 127.4110, 67.9330,
84.9650

■ 252.0100, -5.9600,
-2.1200

■ 112.6390, 76.4590,
95.6510

■ 97.2800, 85.2600,
106.8600

■ 94.2310, 86.9560,
109.1640

Harmonies

Analogous

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



201.8030, -8.6700, 24.9780



203.1460, 24.1570, 30.2770



199.3250, 42.4060, 24.4380

Triad

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



203.1460, 24.1570, 30.2770



195.3420, 33.4270, -16.5970



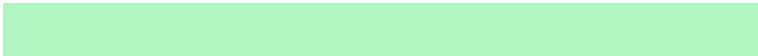
177.8120, -85.0920, -21.7640

Complementary

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



203.1460, 24.1570, 30.2770



218.8540, -24.1570, -30.2770

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.



180.9050, -63.7250, -29.0450



203.1460, 24.1570, 30.2770



191.4030, 5.0940, -26.2500

Square

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



203.1460, 24.1570, 30.2770



198.4680, 51.1680, -2.2080



186.6300, -29.3380, -29.9940



184.3440, -74.3660, -6.8940

Rectangle

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



203.1460, 24.1570, 30.2770



197.9910, 48.9180, 16.5500



186.6300, -29.3380, -29.9940



177.8570, -80.9650, -24.9730

Sweetspot

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



203.1460, 24.1570, 30.2770



242.6900, 7.1050, 8.9050



189.8350, -11.6960, 24.7520



119.9130, 4.8590, 5.5550



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.



203.1460, 24.1570, 30.2770



203.2980, 29.8410, 37.4010



199.2700, 35.0710, 19.7030



114.6140, 4.2630, 5.3430



71.5740, 65.9160, 82.9720



22.6570, 21.0400, 26.1920

Inverse Universe

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



203.1460, 24.1570, 30.2770



203.2980, 29.8410, 37.4010



222.7300, -35.0710, -19.7030



114.6140, 4.2630, 5.3430



71.5740, 65.9160, 82.9720



22.6570, 21.0400, 26.1920

Previews

White Background



This preview shows how the YIQ color 203.1460, 24.1570, 30.2770 looks on a white background.

Color Contrast Check

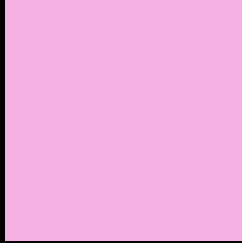
Large Text (above 18pt) WCAG AA × Fail

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 203.1460, 24.1570, 30.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

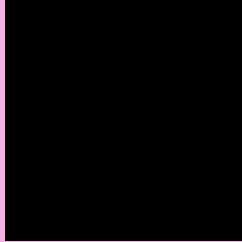
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.1460, 24.1570, 30.2770

Background



This preview shows how black text looks on a background with the YIQ color 203.1460, 24.1570, 30.2770.



This preview shows how white text looks on a background with the YIQ color 203.1460, 24.1570,

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

203.1460, 24.1570, 30.2770

Protanopia

199.3250, -19.4880, 11.7760

Deuteranopia

200.2360, -3.1200, 12.4960



Tritanopia

201.9380, 30.0740, 16.6500

Trichromacy



Original Color

203.1460, 24.1570, 30.2770



Protanomaly

200.9250, -3.4420, 18.3340



Deuteranomaly

201.3130, 7.1490, 19.1250



Tritanomaly

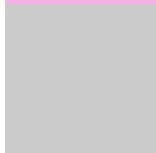
202.3170, 27.6890, 21.3290

Monochromacy



Original Color

203.1460, 24.1570, 30.2770



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.2280, 8.5260, 10.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.1460, 24.1570, 30.2770 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(245, 177, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 177, 228)  
}
```

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(245, 177, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 177, 228) }
```

Border

The CSS property to change the border of an element to YIQ 203.1460, 24.1570, 30.2770 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(245, 177, 228) }
```


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

```
.border{ border-color:rgb(245, 177, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 177, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 177, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 177, 228); box-shadow:4px 4px 4px 4px rgb(245, 177, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 203.1460, 24.1570, 30.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 177, 228) }
```

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

```
.background{ background-color: rgb(245,  
177, 228) }
```

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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