

Converting Colors

YIQ(204.7690, 15.0330, 30.4330)

Have a look what the booklet for
YIQ(204.7690, 15.0330, 30.4330)
contains.

YIQ(204.7690, 15.0330, 30.4330)	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(204.7690, 15.0330,
30.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB5F0
RGB	238, 181, 240
RGB Percent	93%, 71%, 94%
CMY	0.0665, 0.2903, 0.0588
CMYK	0.01, 0.25, 0.00, 0.06
HSL	298°, 66%, 83%
HSV	298°, 25%, 94%
XYZ	67.5224, 57.5143, 89.9834
YIQ	204.7690, 15.0330, 30.4330

Conversions

Conversions Part 2

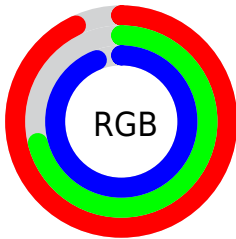
Format	Color
R _Y B	238, 181, 240
Decimal	15644144
CIE Lab	80.47, 30.33, -21.36
CIE LCh	80, 37.099, 324.845
Yxy	57.5143, 0.3140, 0.2675
Android (android.graphics.Color)	4293834224 (0xFFEEB5F0)
YUV	204.7690, 17.3689, 29.1436
Hunter-Lab	75.8382, 26.2103, -17.2619

Details

The YIQ color $204.7690, 15.0330, 30.4330$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $216.2310, -15.0330, -30.4330$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4340, 4.9500, 9.4140$, and $150.2310, 13.6120, 28.6520$ is the 20% darker color. If you saturate the color by 10%, you get $190.3820, 21.0370, 42.7730$, and if you desaturate by 10%, it is $219.1560, 9.0290, 18.0930$.

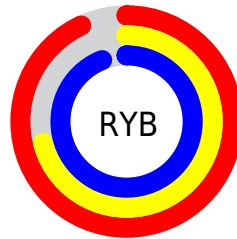
Distribution



Red (93%)

Green (71%)

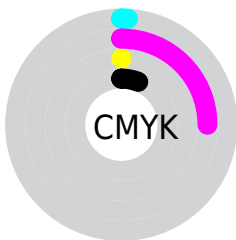
Blue (94%)



Red (93%)

Yellow (71%)

Blue (94%)

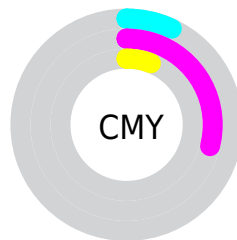


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7690, 15.0330, 30.4330 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 204.7690, 15.0330, 30.4330 by changing the saturation by 10% instead.

204.7690, 15.0330,
30.4330

204.7690, 15.0330,
30.4330

255.0000, -0.0000,
-0.0000

177.0570, 14.1620,
29.6980

244.4340, 4.9500,
9.4140

150.2310, 13.6120,
28.6520

123.8180, 13.3370,
28.1290

98.4050, 13.0620,
27.6060

73.5790, 12.5120,
26.5600

49.8670, 11.6410,
25.8250

25.9810, 11.3200,

26.1360

■ 14.5690, 9.3040,
18.6160

■ 1.3680, -3.8520,
3.7320

■ 204.7690, 15.0330,
30.4330

■ 204.7690, 15.0330,
30.4330

■ 190.3820, 21.0370,
42.7730

■ 219.1560, 9.0290,
18.0930

■ 175.9950, 27.0410,
55.1130

■ 233.5430, 3.0250,
5.7530

■ 161.9070, 33.6410,
67.6650

■ 247.6310, -3.5750,
-6.7990

■ 147.5200, 39.6450,
80.0050

■ 249.1040, -3.5290,
-7.6330

133.1330, 45.6490,
92.3450

249.4030, -2.9330,
-7.4210

118.7460, 51.6530,
104.6850

249.7020, -2.3370,
-7.2090

104.3590, 57.6570,
117.0250

250.0010, -1.7410,
-6.9970

96.7280, 61.2320,
123.8240

250.3000, -1.1450,
-6.7850

Harmonies

Analogous

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



200.9650, -18.1140, 19.9180



204.7690, 15.0330, 30.4330



201.9810, 37.6830, 27.4350

Triad

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



204.7690, 15.0330, 30.4330



197.8700, 40.8080, -12.6960



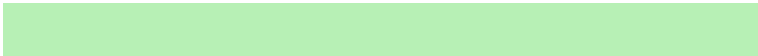
178.1770, -84.8620, -25.9340

Complementary

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



204.7690, 15.0330, 30.4330



216.2310, -15.0330, -30.4330

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.



183.3420, -54.8300, -30.5580



204.7690, 15.0330, 30.4330



194.4320, 15.3180, -24.3140

Square

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



204.7690, 15.0330, 30.4330



200.6690, 55.1560, 2.6120



189.4910, -18.7010, -30.0370



182.7940, -84.6810, -12.6890

Rectangle

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



204.7690, 15.0330, 30.4330



199.3590, 45.0660, 20.2820



189.4910, -18.7010, -30.0370



179.4890, -77.1130, -28.7050

Sweetspot

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



204.7690, 15.0330, 30.4330



244.1350, 4.3540, 9.2020



188.9000, -19.4890, 17.3030



121.2440, 2.4290, 5.5410



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.



204.7690, 15.0330, 30.4330



209.4910, 19.1120, 39.1120



202.1750, 25.2130, 22.1490



112.6570, 2.7040, 6.0640



74.1980, 47.0240, 94.9600



22.5300, 14.2080, 28.8640

Inverse Universe

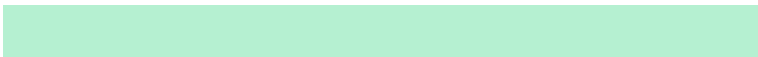
The Inverse Universe completely reimagines the original color for something new.



198.8690, 34.5220, 13.1300



201.9520, 44.6540, 16.7340



218.8250, -25.2130, -22.1490



111.5880, 7.1520, 2.5440



55.7000, 107.7380, 40.8740



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 204.7690, 15.0330, 30.4330 looks on a white background.

Color Contrast Check

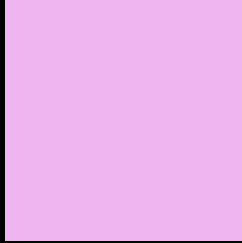
Large Text (above 18pt) WCAG AA × Fail

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 204.7690, 15.0330, 30.4330 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 204.7690, 15.0330, 30.4330

Background



This preview shows how black text looks on a background with the YIQ color 204.7690, 15.0330, 30.4330.



This preview shows how white text looks on a background with the YIQ color 204.7690, 15.0330,

30.4330.

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

204.7690, 15.0330, 30.4330

Protanopia

200.8670, -23.8900, 14.4620

Deuteranopia

201.5820, -9.9060, 14.3340



Tritanopia

203.0510, 22.3260, 13.8940

Trichromacy



Original Color

204.7690, 15.0330, 30.4330



Protanomaly

202.5700, -9.6320, 20.3840



Deuteranomaly

202.6480, -1.1040, 20.0160



Tritanomaly

203.4840, 19.8490, 20.2410

Monochromacy



Original Color

204.7690, 15.0330, 30.4330



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

204.7870, 5.4540, 11.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7690, 15.0330, 30.4330 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(238, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 181, 240)  
}
```

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(238, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 181, 240) }
```

Border

The CSS property to change the border of an element to YIQ 204.7690, 15.0330, 30.4330 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(238, 181, 240) }
```


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

```
.border{ border-color:rgb(238, 181, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 181, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 181,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7690, 15.0330, 30.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 181, 240) }
```

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

```
.background{ background-color: rgb(238,  
181, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor