

Converting Colors

YIQ(204.7730, 17.2370, 12.5090)

Have a look what the booklet for
YIQ(204.7730, 17.2370, 12.5090)
contains.

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Color

**YIQ(204.7730, 17.2370,
12.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C0CF
RGB	229, 192, 207
RGB Percent	90%, 75%, 81%
CMY	0.1019, 0.2471, 0.1882
CMYK	0.00, 0.16, 0.10, 0.10
HSL	336°, 42%, 83%
HSV	336°, 16%, 90%
XYZ	62.4315, 58.8603, 67.1114
YIQ	204.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

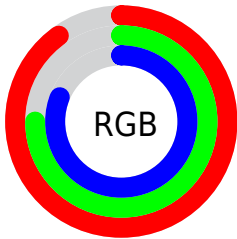
Format	Color
R _Y B	229, 192, 207
Decimal	15057103
CIE Lab	81.21, 15.61, -2.59
CIE LCh	81, 15.821, 350.561
Yxy	58.8603, 0.3314, 0.3124
Android (android.graphics.Color)	4293247183 (0xFFE5C0CF)
YUV	204.7730, 1.0979, 21.2471
Hunter-Lab	76.7204, 10.9942, 1.8402

Details

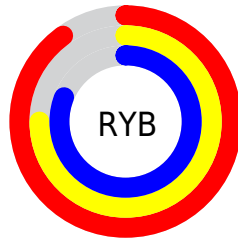
The YIQ color $204.7730, 17.2370, 12.5090$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.2270, -17.2370, -12.5090$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $150.1750, 16.0450, 12.0850$ is the 20% darker color. If you saturate the color by 10%, you get $189.6760, 28.0560, 20.1840$, and if you desaturate by 10%, it is $219.8700, 6.4180, 4.8340$.

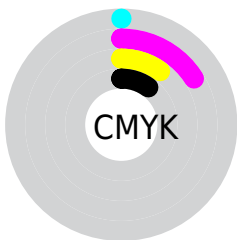
Distribution



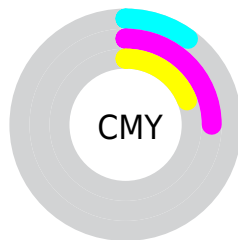
- Red (90%)
- Green (75%)
- Blue (81%)



- Red (90%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (10%)




- Cyan (10%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7730, 17.2370, 12.5090 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 204.7730, 17.2370, 12.5090 by changing the saturation by 10% instead.


 204.7730, 17.2370,
12.5090


 204.7730, 17.2370,
12.5090


255.0000, -0.0000,
-0.0000


 177.4740, 16.6410,
12.2970


 250.8910, 1.9250,
3.6610

 150.1750, 16.0450,
12.0850

 124.4630, 15.1740,
11.3500

 99.1640, 14.5780,
11.1380

 75.4520, 13.7070,
10.4030

 52.1530, 13.1110,
10.1910

 30.5550, 11.9190,

9.7670

■ 10.2240, 14.3490,
9.7810

■ 0.0000, 0.0000,
0.0000

■ 204.7730, 17.2370,
12.5090

■ 204.7730, 17.2370,
12.5090

■ 189.6760, 28.0560,
20.1840

■ 219.8700, 6.4180,
4.8340

■ 174.6930, 38.5540,
28.1700

■ 234.8530, -4.0800,
-3.1520

■ 159.5960, 49.3730,
35.8450

■ 246.4280,
-13.2490, -7.6890

■ 144.6130, 59.8710,
43.8310

■ 247.2260,
-15.4960, -5.5120

■ 129.5160, 70.6900,
51.5060

■ 115.0060, 81.2340,
58.6580

■ 100.0230, 91.7320,
66.6440

■ 84.9260, 102.5510,
74.3190

■ 79.0730, 106.6310,
77.4710

Harmonies

Analogous

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



204.5420, 4.7660, 12.7500



204.7730, 17.2370, 12.5090



204.2590, 24.4360, 8.6920

Triad

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



204.7730, 17.2370, 12.5090



200.2810, 9.0340, -9.5420



197.5650, -29.5720, -3.7160

Complementary

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



204.7730, 17.2370, 12.5090



216.2270, -17.2370, -12.5090

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.



196.4740, -28.0580, -9.1300



204.7730, 17.2370, 12.5090



198.5720, -5.0870, -12.4390

Square

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



204.7730, 17.2370, 12.5090



201.7170, 19.6700, -4.0580



196.7430, -18.7500, -12.6220



199.9020, -22.9710, 3.3090

Rectangle

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



204.7730, 17.2370, 12.5090



203.5210, 26.4540, 5.1580



196.7430, -18.7500, -12.6220



197.0980, -29.7550, -5.9070

Sweetspot

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



204.7730, 17.2370, 12.5090



246.4570, 6.1430, 4.3110



202.7960, 1.2350, 16.1710



122.7340, 3.8050, 2.6290



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.



204.7730, 17.2370, 12.5090



223.5180, 22.5090, 16.0850



204.8240, 21.2270, 6.2750



107.1580, 5.5470, 4.0990



61.7290, 83.5720, 60.3400



17.6430, 23.6550, 17.3430

Inverse Universe

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



204.7730, 17.2370, 12.5090



223.5180, 22.5090, 16.0850



216.1760, -21.2270, -6.2750



107.1580, 5.5470, 4.0990



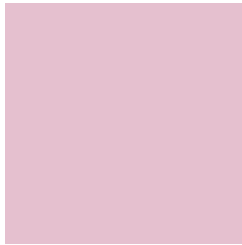
61.7290, 83.5720, 60.3400



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 204.7730, 17.2370, 12.5090 looks on a white background.

Color Contrast Check

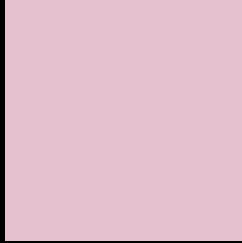
Large Text (above 18pt) WCAG AA × Fail

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 204.7730, 17.2370, 12.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

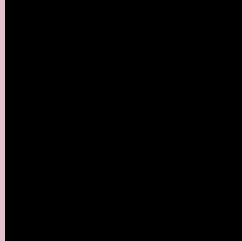
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.7730, 17.2370, 12.5090

Background



This preview shows how black text looks on a background with the YIQ color 204.7730, 17.2370, 12.5090.



This preview shows how white text looks on a background with the YIQ color 204.7730, 17.2370,

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

204.7730, 17.2370, 12.5090

Protanopia

202.8520, -2.3390, 3.8450

Deuteranopia

204.0170, 10.4980, 7.9860



Tritanopia

204.7730, 17.2370, 12.5090

Trichromacy



Original Color

204.7730, 17.2370, 12.5090

Protanomaly

203.5540, 4.4920, 6.7000

Deuteranomaly

204.6260, 13.1570, 9.3570

Tritanomaly

204.7730, 17.2370, 12.5090

Monochromacy



Original Color

204.7730, 17.2370, 12.5090

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7730, 17.2370, 12.5090 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(229, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 207)  
}
```

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(229, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 207) }
```

Border

The CSS property to change the border of an element to YIQ 204.7730, 17.2370, 12.5090 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(229, 192, 207) }
```


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

```
.border{ border-color:rgb(229, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7730, 17.2370, 12.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 207) }
```

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

```
.background{ background-color: rgb(229,  
192, 207) }
```

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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