

Converting Colors

YIQ(212.2540, 22.8320, 4.7200)

Have a look what the booklet for
YIQ(212.2540, 22.8320, 4.7200)
contains.

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Color

**YIQ(212.2540, 22.8320,
4.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCBC3
RGB	237, 203, 195
RGB Percent	93%, 80%, 76%
CMY	0.0705, 0.2040, 0.2352
CMYK	0.00, 0.14, 0.18, 0.07
HSL	11°, 54%, 85%
HSV	11°, 18%, 93%
XYZ	66.1372, 64.6542, 60.6381
YIQ	212.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

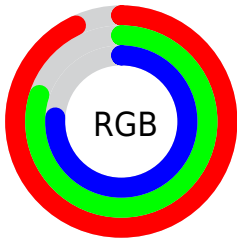
Format	Color
R _Y B	237, 205, 195
Decimal	15584195
CIE Lab	84.31, 10.72, 8.39
CIE LCh	84, 13.614, 38.056
Yxy	64.6542, 0.3455, 0.3377
Android (android.graphics.Color)	4293774275 (0xFFEDCBC3)
YUV	212.2540, -8.5062, 21.7022
Hunter-Lab	80.4078, 6.1064, 11.5730

Details

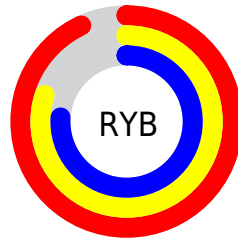
The YIQ color $212.2540, 22.8320, 4.7200$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $219.7460, -22.8320, -4.7200$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $157.6560, 21.6400, 4.2960$ is the 20% darker color. If you saturate the color by 10%, you get $198.3650, 35.7610, 7.1930$, and if you desaturate by 10%, it is $226.1430, 9.9030, 2.2470$.

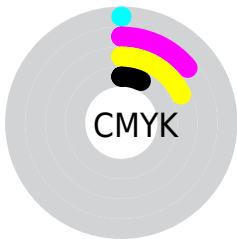
Distribution



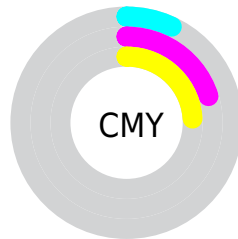
- Red (93%)
- Green (80%)
- Blue (76%)



- Red (93%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.2540, 22.8320, 4.7200 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 212.2540, 22.8320, 4.7200 by changing the saturation by 10% instead.


 212.2540, 22.8320,
4.7200


 212.2540, 22.8320,
4.7200


255.0000, -0.0000,
-0.0000


 184.9550, 22.2360,
4.5080


254.6580, 0.9630,
-0.9330

 157.6560, 21.6400,
4.2960

 131.4710, 20.7230,
4.3950

 105.8730, 19.5310,
3.9710

 81.6880, 18.6140,
4.0700

 58.7910, 16.8260,
3.4340

 36.6060, 15.9090,

3.5330

■ 14.2750, 18.3390,
3.5470

■ 0.0000, 0.0000,
0.0000

■ 212.2540, 22.8320,
4.7200

■ 212.2540, 22.8320,
4.7200

■ 198.3650, 35.7610,
7.1930

■ 226.1430, 9.9030,
2.2470

■ 184.5900, 48.3690,
9.9770

■ 239.9180, -2.7050,
-0.5370

■ 170.1140, 61.5730,
12.9730

■ 249.6180,
-10.7280, -3.8160

■ 156.2250, 74.5020,
15.4460

■ 142.4500, 87.1100,
18.2300

■ 128.5610,
100.0390, 20.7030

■ 114.6720,
112.9680, 23.1760

■ 100.1960,
126.1720, 26.1720

■ 97.2780, 128.8770,
26.7090

Harmonies

Analogous

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



213.0350, 19.2550, 8.9750



212.2540, 22.8320, 4.7200



211.0100, 20.4030, -0.8210

Triad

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



212.2540, 22.8320, 4.7200



206.6900, -11.2310, -11.2230



210.2730, -13.7100, 6.1780

Complementary

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



212.2540, 22.8320, 4.7200



219.7460, -22.8320, -4.7200

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.



208.2070, -22.5120, 0.4960



212.2540, 22.8320, 4.7200



206.0680, -21.0430, -9.6110

Square

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



212.2540, 22.8320, 4.7200



207.9750, 1.1480, -9.7960



206.6640, -25.5370, -5.2570



212.1390, -1.4690, 10.1070

Rectangle

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



212.2540, 22.8320, 4.7200



210.1510, 15.4520, -4.7080



206.6640, -25.5370, -5.2570



209.9520, -17.2400, 4.0720

Sweetspot

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



212.2540, 22.8320, 4.7200



247.6480, 6.9230, 1.1870



211.4340, 14.1180, 19.4780



122.9790, 4.4930, 1.1730



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.



212.2540, 22.8320, 4.7200



223.6030, 29.1590, 5.6950



224.5810, 17.0570, -6.2630



110.4630, 6.0060, 1.2860



74.0770, 98.5260, 20.5900



22.0160, 29.4340, 6.2180

Inverse Universe

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



219.7460, -22.8320, -4.7200



232.9840, -29.4340, -6.2180



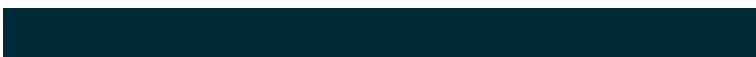
207.4190, -17.0570, 6.2630



112.5370, -6.0060, -1.2860



106.9230, -98.5260, -20.5900



31.3970, -29.1590, -5.6950

Previews

White Background



This preview shows how the YIQ color 212.2540, 22.8320, 4.7200 looks on a white background.

Color Contrast Check

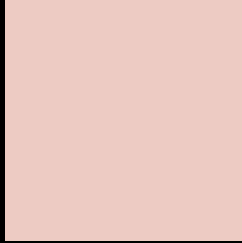
Large Text (above 18pt) WCAG AA × Fail

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 212.2540, 22.8320, 4.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

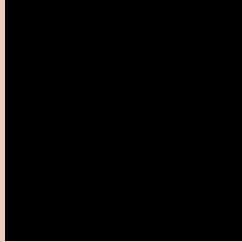
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.2540, 22.8320, 4.7200

Background



This preview shows how black text looks on a background with the YIQ color 212.2540, 22.8320, 4.7200.




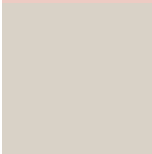

This preview shows how white text looks on a background with the YIQ color 212.2540, 22.8320,

4.7200.

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 212.2540, 22.8320, 4.7200
	Protanopia 210.8390, 7.7030, -1.9370
	Deuteranopia 212.2540, 22.8320, 4.7200



Tritanopia

213.6700, 19.0250, 13.1450

Trichromacy



Original Color

212.2540, 22.8320, 4.7200

Protanomaly

211.0570, 13.0210, 0.8050

Deuteranomaly

212.2540, 22.8320, 4.7200

Tritanomaly

213.1600, 20.4010, 10.2330

Monochromacy



Original Color

212.2540, 22.8320, 4.7200

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2460, 8.1150, 1.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2540, 22.8320, 4.7200 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(237, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(237, 203, 195)  
}
```

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(237, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 203, 195) }
```

Border

The CSS property to change the border of an element to YIQ 212.2540, 22.8320, 4.7200 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(237, 203, 195) }
```


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

```
.border{ border-color:rgb(237, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(237, 203,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2540, 22.8320, 4.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 203, 195) }
```

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

```
.background{ background-color: rgb(237,  
203, 195) }
```

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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