

Converting Colors

YIQ(210.1720, 20.1270, 4.1830)

Have a look what the booklet for
YIQ(210.1720, 20.1270, 4.1830)
contains.

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Color

**YIQ(210.1720, 20.1270,
4.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CAC3
RGB	232, 202, 195
RGB Percent	91%, 79%, 76%
CMY	0.0901, 0.2079, 0.2352
CMYK	0.00, 0.13, 0.16, 0.09
HSL	11°, 45%, 84%
HSV	11°, 16%, 91%
XYZ	64.2546, 63.3349, 60.4809
YIQ	210.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

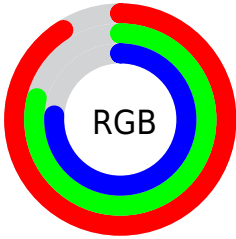
Format	Color
R _Y B	232, 204, 195
Decimal	15256259
CIE Lab	83.62, 9.44, 7.35
CIE LCh	84, 11.961, 37.916
Yxy	63.3349, 0.3417, 0.3368
Android (android.graphics.Color)	4293446339 (0xFFE8CAC3)
YUV	210.1720, -7.4798, 19.1432
Hunter-Lab	79.5832, 4.8482, 10.6496

Details

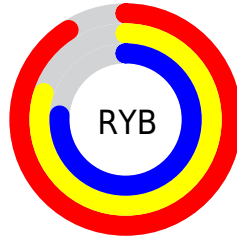
The YIQ color **210.1720, 20.1270, 4.1830** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216.8280, -20.1270, -4.1830**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.6580, 0.9630, -0.9330**, and **155.5740, 18.9350, 3.7590** is the 20% darker color. If you saturate the color by 10%, you get **196.3970, 32.7350, 6.9670**, and if you desaturate by 10%, it is **223.9470, 7.5190, 1.3990**.

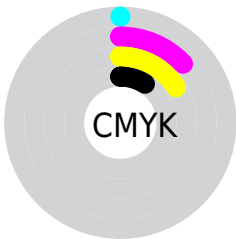
Distribution



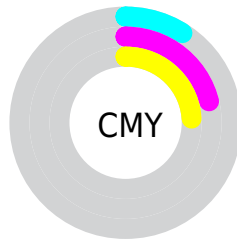
- Red (91%)
- Green (79%)
- Blue (76%)



- Red (91%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.1720, 20.1270, 4.1830 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 210.1720, 20.1270, 4.1830 by changing the saturation by 10% instead.

■ 210.1720, 20.1270,
4.1830

■ 210.1720, 20.1270,
4.1830

255.0000, -0.0000,
-0.0000

■ 182.8730, 19.5310,
3.9710

254.6580, 0.9630,
-0.9330

■ 155.5740, 18.9350,
3.7590

■ 129.3890, 18.0180,
3.8580

■ 104.0900, 17.4220,
3.6460

■ 79.9050, 16.5050,
3.7450

■ 57.3070, 15.3130,
3.3210

■ 35.4100, 13.5250,

2.6850

■ 12.2040, 17.1010,
3.9570

■ 0.0000, 0.0000,
0.0000

■ 210.1720, 20.1270,
4.1830

■ 210.1720, 20.1270,
4.1830

■ 196.3970, 32.7350,
6.9670

■ 223.9470, 7.5190,
1.3990

■ 182.6220, 45.3430,
9.7510

■ 237.7220, -5.0890,
-1.3850

■ 169.3200, 57.9970,
11.7010

■ 248.1230,
-13.7080, -4.8760

■ 155.5450, 70.6050,
14.4850

■ 141.7700, 83.2130,
17.2690

■ 127.9950, 95.8210,
20.0530

■ 114.2200,
108.4290, 22.8370

■ 100.3310,
121.3580, 25.3100

■ 95.1960, 126.1720,
26.1720

Harmonies

Analogous

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



210.8390, 16.8710, 8.1270



210.1720, 20.1270, 4.1830



209.3410, 17.9730, -0.8350

Triad

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



210.1720, 20.1270, 4.1830



205.2280, -9.8100, -9.4420



208.1160, -11.8300, 5.1460

Complementary

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



210.1720, 20.1270, 4.1830



216.8280, -20.1270, -4.1830

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.



206.7620, -19.7610, 0.1990



210.1720, 20.1270, 4.1830



204.6770, -18.3840, -8.2400

Square

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



210.1720, 20.1270, 4.1830



206.5020, 1.1020, -8.9620



205.0450, -22.2360, -4.5080



210.0850, -1.3770, 8.4390

Rectangle

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



210.1720, 20.1270, 4.1830



208.1940, 13.8930, -3.9870



205.0450, -22.2360, -4.5080



208.2080, -15.0850, 3.5630

Sweetspot

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



210.1720, 20.1270, 4.1830



247.6480, 6.9230, 1.1870



209.4830, 12.4220, 17.1740



122.9790, 4.4930, 1.1730



0.0000, 0.0000, 0.0000



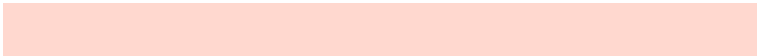
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.1720, 20.1270, 4.1830



226.6350, 26.1330, 5.4690



220.7380, 15.1770, -5.2310



107.7620, 6.6020, 1.4980



73.4790, 97.3340, 20.1660



21.1190, 27.6460, 5.5820

Inverse Universe

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



216.8280, -20.1270, -4.1830



235.3650, -26.1330, -5.4690



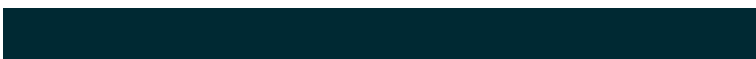
206.2620, -15.1770, 5.2310



110.2380, -6.6020, -1.4980



105.5210, -97.3340, -20.1660



29.8810, -27.6460, -5.5820

Previews

White Background



This preview shows how the YIQ color 210.1720, 20.1270, 4.1830 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 210.1720, 20.1270, 4.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

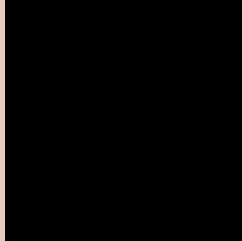
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.1720, 20.1270, 4.1830

Background



This preview shows how black text looks on a background with the YIQ color 210.1720, 20.1270, 4.1830.



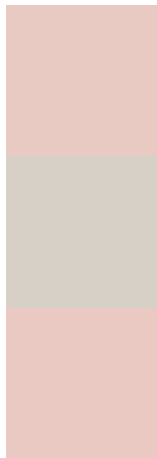
This preview shows how white text looks on a background with the YIQ color 210.1720, 20.1270,

4.1830.

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

210.1720, 20.1270, 4.1830

Protanopia

208.9530, 7.3820, -1.6260

Deuteranopia

210.1830, 21.5940, 5.1300



Tritanopia

211.5880, 16.3200, 12.6080

Trichromacy



Original Color

210.1720, 20.1270, 4.1830

Protanomaly

209.4590, 11.8290, 0.3810

Deuteranomaly

209.8840, 20.9980, 4.9180

Tritanomaly

211.0780, 17.6960, 9.6960

Monochromacy



Original Color

210.1720, 20.1270, 4.1830

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0610, 7.1980, 1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.1720, 20.1270, 4.1830 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(232, 202, 195)` looks like.

```
.text, #text, p{  
    color:rgb(232, 202, 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(232, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 202, 195) }
```

Border

The CSS property to change the border of an element to YIQ 210.1720, 20.1270, 4.1830 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(232, 202, 195) }
```


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

```
.border{ border-color:rgb(232, 202, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(232, 202,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 210.1720, 20.1270, 4.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 202, 195) }
```

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

```
.background{ background-color: rgb(232,  
202, 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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