

Converting Colors

YIQ(196.1250, 27.5090, 2.5570)

Have a look what the booklet for
YIQ(196.1250, 27.5090, 2.5570)
contains.

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Color

**YIQ(196.1250, 27.5090,
2.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BBAA
RGB	224, 187, 170
RGB Percent	88%, 73%, 67%
CMY	0.1215, 0.2667, 0.3332
CMYK	0.00, 0.17, 0.24, 0.12
HSL	19°, 47%, 77%
HSV	19°, 24%, 88%
XYZ	55.7723, 54.2879, 45.5848
YIQ	196.1250, 27.5090, 2.5570

Conversions

Conversions Part 2

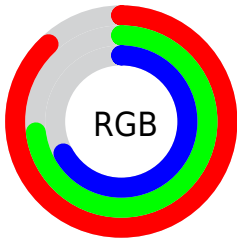
Format	Color
R_{YB}	224, 195, 170
Decimal	14728106
CIE _{Lab}	78.63, 10.71, 13.54
CIE _{LCh}	79, 17.262, 51.642
Yxy	54.2879, 0.3583, 0.3488
Android (android.graphics.Color)	4292918186 (0xFFE0BBAA)
YUV	196.1250, -12.8796, 24.4464
Hunter-Lab	73.6803, 6.1748, 14.8945

Details

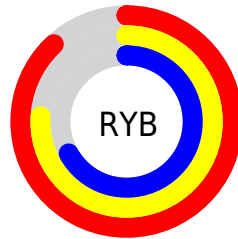
The YIQ color $196.1250, 27.5090, 2.5570$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $197.8750, -27.5090, -2.5570$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.5360, 12.9300, -3.0540$, and $142.3420, 25.4000, 2.2320$ is the 20% darker color. If you saturate the color by 10%, you get $184.8120, 38.6960, 3.5600$, and if you desaturate by 10%, it is $207.4380, 16.3220, 1.5540$.

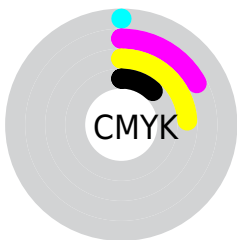
Distribution



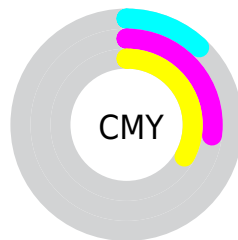
- Red (88%)
- Green (73%)
- Blue (67%)



- Red (88%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.1250, 27.5090, 2.5570 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 196.1250, 27.5090, 2.5570 by changing the saturation by 10% instead.

■ 196.1250, 27.5090,
2.5570

■ 196.1250, 27.5090,
2.5570

255.0000, -0.0000,
-0.0000

■ 168.9400, 26.5920,
2.6560

■ 244.5360, 12.9300,
-3.0540

■ 142.3420, 25.4000,
2.2320

254.8860, 0.3210,
-0.3110

■ 116.1570, 24.4830,
2.3310

■ 91.6730, 22.9700,
2.2180

■ 68.0750, 21.7780,
1.7940

■ 45.2920, 19.6690,
1.4690

■ 23.4230, 20.6780,

-0.2980

■ 3.5880, 7.1520,
2.5440

■ 0.0000, 0.0000,
0.0000

■ 196.1250, 27.5090,
2.5570

■ 196.1250, 27.5090,
2.5570

■ 184.8120, 38.6960,
3.5600

■ 207.4380, 16.3220,
1.5540

■ 172.7980, 50.4790,
4.7750

■ 219.4520, 4.5390,
0.3390

■ 161.4850, 61.6660,
5.7780

■ 230.7650, -6.6480,
-0.6640

■ 150.0580, 73.1740,
6.4700

■ 241.6220,
-16.5510, -2.9110

■ 138.1580, 84.6360,
7.9960

■ 245.7310,
-18.4760, -6.5720

■ 126.8450, 95.8230,
8.9990

■ 114.8310,
107.6060, 10.2140

■ 108.0660,
114.2540, 10.8780

Harmonies

Analogous

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



197.3410, 27.1410, 9.2290



196.1250, 27.5090, 2.5570



194.6740, 21.2290, -4.7790

Triad

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



196.1250, 27.5090, 2.5570



189.4330, -20.8130, -13.7810



195.6480, -10.2720, 9.9520

Complementary

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



196.1250, 27.5090, 2.5570



197.8750, -27.5090, -2.5570

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.



192.5320, -24.8050, 3.5070



196.1250, 27.5090, 2.5570



188.9790, -31.0380, -10.1900

Square

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



196.1250, 27.5090, 2.5570



190.4470, -6.2330, -13.6970



190.4830, -32.2770, -4.2530



197.3680, 5.3160, 13.7960

Rectangle

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



196.1250, 27.5090, 2.5570



193.1460, 13.8480, -8.6800



190.4830, -32.2770, -4.2530



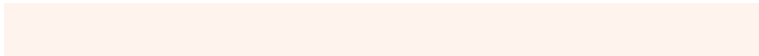
194.9570, -15.6360, 8.0440

Sweetspot

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



196.1250, 27.5090, 2.5570



245.9040, 9.0780, 0.6780



190.4780, 19.9860, 23.2660



122.6370, 5.4560, 0.2400



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.



196.1250, 27.5090, 2.5570



216.6270, 37.7790, 3.6590



211.3870, 20.3590, -11.0410



106.6370, 5.4560, 0.2400



84.9090, 89.7710, 8.5470



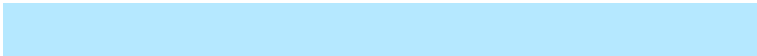
23.1570, 24.4830, 2.3310

Inverse Universe

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



197.8750, -27.5090, -2.5570



219.3730, -37.7790, -3.6590



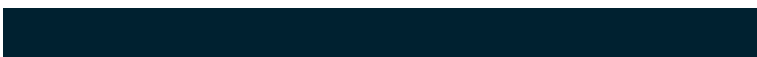
182.6130, -20.3590, 11.0410



106.9500, -5.7310, -0.7630



91.0910, -89.7710, -8.5470



24.8430, -24.4830, -2.3310

Previews

White Background



This preview shows how the YIQ color 196.1250, 27.5090, 2.5570 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 196.1250, 27.5090, 2.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

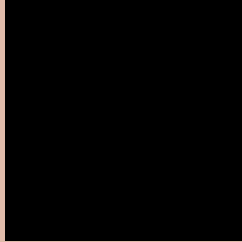
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.1250, 27.5090, 2.5570

Background



This preview shows how black text looks on a background with the YIQ color 196.1250, 27.5090, 2.5570.



This preview shows how white text looks on a background with the YIQ color 196.1250, 27.5090,

2.5570.

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

196.1250, 27.5090, 2.5570

Protanopia

194.4110, 11.7840, -4.3120

Deuteranopia

196.4130, 26.6380, 1.8220



Tritanopia

197.7520, 21.7300, 13.6820

Trichromacy



Original Color

196.1250, 27.5090, 2.5570

Protanomaly

194.9280, 17.6980, -1.3580

Deuteranomaly

196.4130, 26.6380, 1.8220

Tritanomaly

196.9000, 24.0690, 9.8370

Monochromacy



Original Color

196.1250, 27.5090, 2.5570

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.2030, 9.6740, 0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.1250, 27.5090, 2.5570 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(224, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(224, 187, 170)  
}
```

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(224, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 187, 170) }
```

Border

The CSS property to change the border of an element to YIQ 196.1250, 27.5090, 2.5570 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(224, 187, 170) }
```


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

```
.border{ border-color:rgb(224, 187, 170) }
```

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

Here you see how a box with a 4 pixel rgb(224, 187, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(224, 187,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 196.1250, 27.5090, 2.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 187, 170) }
```

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

```
.background{ background-color: rgb(224,  
187, 170) }
```

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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