

Converting Colors

YIQ(227.6750, 28.6560, -1.7120)

Have a look what the booklet for
YIQ(227.6750, 28.6560, -1.7120)
contains.

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Color

**YIQ(227.6750, 28.6560,
-1.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDDC1
RGB	254, 221, 193
RGB Percent	100%, 87%, 76%
CMY	0.0039, 0.1334, 0.2430
CMYK	0.00, 0.13, 0.24, 0.00
HSL	28°, 97%, 88%
HSV	28°, 24%, 100%
XYZ	76.3610, 76.6311, 61.2389
YIQ	227.6750, 28.6560, -1.7120

Conversions

Conversions Part 2

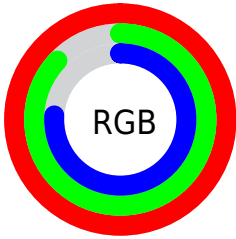
Format	Color
RYB	254, 245, 193
Decimal	16702913
CIELab	90.15, 7.27, 17.93
CIELCh	90, 19.347, 67.940
Yxy	76.6311, 0.3564, 0.3577
Android (android.graphics.Color)	4294892993 (0xFFFEEDC1)
YUV	227.6750, -17.0948, 23.0870
Hunter-Lab	87.5392, 2.5131, 19.8005

Details

The YIQ color $227.6750, 28.6560, -1.7120$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $219.3250, -28.6560, 1.7120$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, 1.6050, -1.5550$, and $172.1910, 27.1430, -1.8250$ is the 20% darker color. If you saturate the color by 10%, you get $216.6070, 40.5310, -2.1650$, and if you desaturate by 10%, it is $238.7430, 16.7810, -1.2590$.

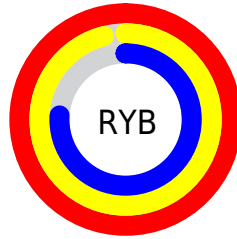
Distribution



Red (100%)

Green (87%)

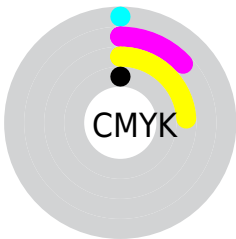
Blue (76%)



Red (100%)

Yellow (96%)

Blue (76%)

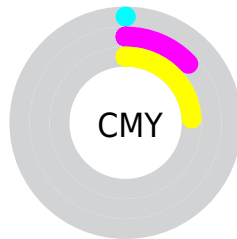


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.6750, 28.6560, -1.7120 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 227.6750, 28.6560, -1.7120 by changing the saturation by 10% instead.

227.6750, 28.6560,
-1.7120

227.6750, 28.6560,
-1.7120

255.0000, -0.0000,
-0.0000

199.4900, 27.7390,
-1.6130

254.4300, 1.6050,
-1.5550

172.1910, 27.1430,
-1.8250

145.7070, 25.6300,
-1.9380

119.5220, 24.7130,
-1.8390

95.0380, 23.2000,
-1.9520

70.5540, 21.6870,
-2.0650

48.0700, 20.1740,

-2.1780

■ 26.6570, 19.8990,
-2.7010

■ 5.3820, 10.7280,
3.8160

■ 227.6750, 28.6560,
-1.7120

■ 227.6750, 28.6560,
-1.7120

■ 216.6070, 40.5310,
-2.1650

■ 238.7430, 16.7810,
-1.2590

■ 205.4250, 52.7270,
-2.9290

■ 249.9250, 4.5850,
-0.4950

■ 194.9440, 64.3270,
-3.9050

■ 254.7010, -0.5960,
-0.2120

■ 183.7620, 76.5230,
-4.6690

■ 172.6940, 88.3980,
-5.1220

■ 161.6260,
100.2730, -5.5750

■ 151.0310,
112.1940, -6.8620

■ 144.0380,
119.4840, -6.8200

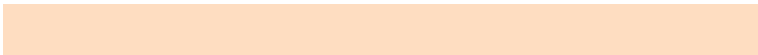
Harmonies

Analogous

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



226.4070, 26.7750, 4.8470



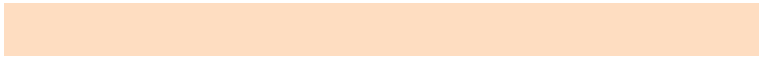
227.6750, 28.6560, -1.7120



225.4730, 17.2410, -9.5990

Triad

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



227.6750, 28.6560, -1.7120



220.1590, -31.7250, -14.2610



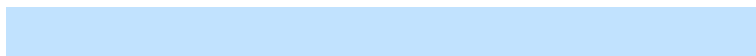
228.7740, -1.6990, 14.2770

Complementary

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



227.6750, 28.6560, -1.7120



219.3250, -28.6560, 1.7120

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.



226.0060, -17.3320, 5.7400



227.6750, 28.6560, -1.7120



220.4390, -38.1450, -8.0410

Square

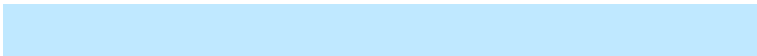
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.6750, 28.6560, -1.7120



221.0050, -16.7320, -16.1560



222.3630, -31.8190, -1.5390



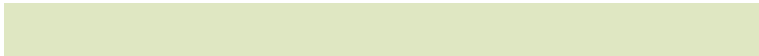
230.5110, 15.2190, 16.0430

Rectangle

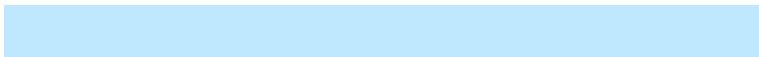
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.6750, 28.6560, -1.7120



224.3900, 7.1090, -13.2030



222.3630, -31.8190, -1.5390



228.4420, -6.6960, 11.2240

Sweetspot

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



227.6750, 28.6560, -1.7120



247.0780, 8.5280, -0.3680



215.1150, 25.4420, 23.5060



123.2240, 5.1810, -0.2830



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.



227.6750, 28.6560, -1.7120



223.0840, 34.7540, -2.0940



245.2850, 20.4060, -17.4020



122.4090, 6.0980, -0.3820



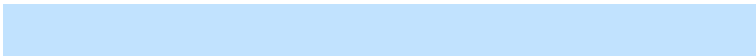
108.7650, 89.6360, -5.5320



36.1590, 30.1690, -1.5990

Inverse Universe

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



219.3250, -28.6560, 1.7120



212.9160, -34.7540, 2.0940



201.7150, -20.4060, 17.4020



120.5910, -6.0980, 0.3820



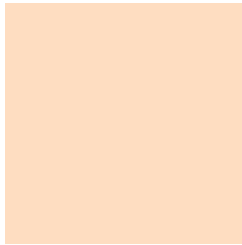
82.8220, -89.9110, 5.0090



27.8410, -30.1690, 1.5990

Previews

White Background



This preview shows how the YIQ color 227.6750, 28.6560, -1.7120 looks on a white background.

Color Contrast Check

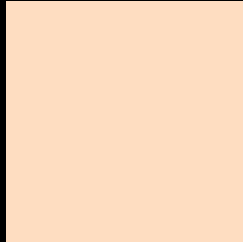
Large Text (above 18pt) WCAG AA × Fail

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 227.6750, 28.6560, -1.7120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

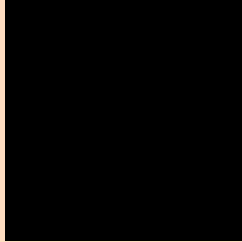
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.6750, 28.6560, -1.7120

Background



This preview shows how black text looks on a background with the YIQ color 227.6750, 28.6560, -1.7120.



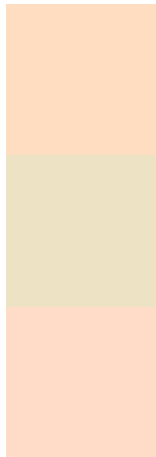
This preview shows how white text looks on a background with the YIQ color 227.6750, 28.6560,

-1.7120.

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

227.6750, 28.6560, -1.7120

Protanopia

226.1680, 16.7820, -6.7860

Deuteranopia

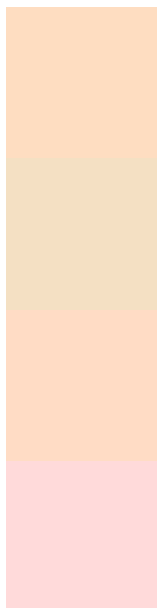
228.1850, 27.2800, 1.2000



Tritanopia

230.0720, 17.8330, 12.7210

Trichromacy



Original Color

227.6750, 28.6560, -1.7120

Protanomaly

226.6740, 21.2290, -4.7790

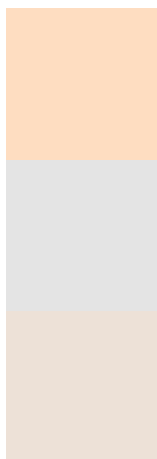
Deuteranomaly

227.8430, 28.2430, 0.2670

Tritanomaly

229.0630, 22.0520, 7.8440

Monochromacy



Original Color

227.6750, 28.6560, -1.7120

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.4480, 10.3620, -0.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.6750, 28.6560, -1.7120 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(254, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 193)  
}
```

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(254, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 193) }
```

Border

The CSS property to change the border of an element to YIQ 227.6750, 28.6560, -1.7120 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(254, 221, 193) }
```


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

```
.border{ border-color:rgb(254, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 227.6750, 28.6560, -1.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 193) }
```

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

```
.background{ background-color: rgb(254,  
221, 193) }
```

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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