

Converting Colors

YIQ(220.2720, 31.5890, 5.7090)

Have a look what the booklet for
YIQ(220.2720, 31.5890, 5.7090)
contains.

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Color

**YIQ(220.2720, 31.5890,
5.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	FED0C3
RGB	254, 208, 195
RGB Percent	100%, 82%, 76%
CMY	0.0038, 0.1844, 0.2352
CMYK	0.00, 0.18, 0.23, 0.00
HSL	13°, 97%, 88%
HSV	13°, 23%, 100%
XYZ	73.2879, 70.1197, 61.3220
YIQ	220.2720, 31.5890, 5.7090

Conversions

Conversions Part 2

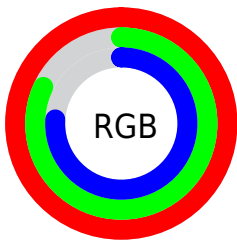
Format	Color
R _Y B	254, 212, 195
Decimal	16699587
CIE Lab	87.06, 14.29, 12.52
CIE LCh	87, 18.998, 41.218
Yxy	70.1197, 0.3580, 0.3425
Android (android.graphics.Color)	4294889667 (0xFF FED0C3)
YUV	220.2720, -12.4591, 29.5795
Hunter-Lab	83.7375, 9.6843, 15.1975

Details

The YIQ color $220.2720, 31.5890, 5.7090$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $228.7280, -31.5890, -5.7090$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, 0.9630, -0.9330$, and $165.3750, 29.8010, 5.0730$ is the 20% darker color. If you saturate the color by 10%, you get $205.6820, 45.1140, 8.3940$, and if you desaturate by 10%, it is $234.8620, 18.0640, 3.0240$.

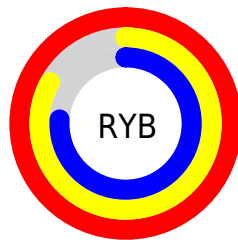
Distribution



Red (100%)

Green (82%)

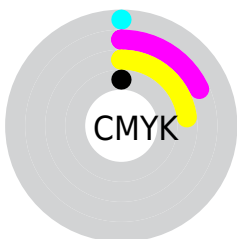
Blue (76%)



Red (100%)

Yellow (83%)

Blue (76%)

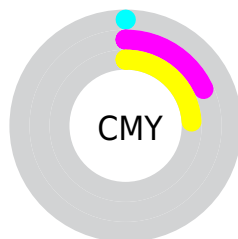


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 220.2720, 31.5890, 5.7090 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 220.2720, 31.5890, 5.7090 by changing the saturation by 10% instead.


 220.2720, 31.5890,
5.7090


 220.2720, 31.5890,
5.7090


255.0000, -0.0000,
-0.0000


 192.0870, 30.6720,
5.8080


254.6580, 0.9630,
-0.9330

 165.3750, 29.8010,
5.0730

 138.3040, 28.5630,
5.4830

 112.7060, 27.3710,
5.0590

 87.9230, 25.2620,
4.7340

 64.3250, 24.0700,
4.3100

 41.6560, 21.6400,

4.2960

■ 19.9010, 22.3280,
2.8400

■ 1.1960, 2.3840,
0.8480

■ 220.2720, 31.5890,
5.7090

■ 220.2720, 31.5890,
5.7090

■ 205.6820, 45.1140,
8.3940

■ 234.8620, 18.0640,
3.0240

■ 190.9780, 58.9600,
10.7680

■ 249.5660, 4.2180,
0.6500

■ 176.9750, 72.2100,
12.9300

254.7010, -0.5960,
-0.2120

■ 162.2710, 86.0560,
15.3040

■ 147.6810, 99.5810,
17.9890

■ 133.0910,
113.1060, 20.6740

■ 118.3870,
126.9520, 23.0480

■ 108.8180,
135.9840, 24.5600

Harmonies

Analogous

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



221.3350, 27.2780, 12.2540



220.2720, 31.5890, 5.7090



218.6640, 27.1890, -2.6590

Triad

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



220.2720, 31.5890, 5.7090



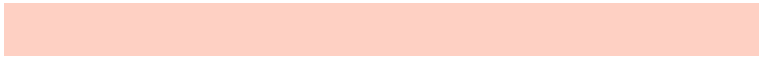
212.6350, -18.5660, -15.9580



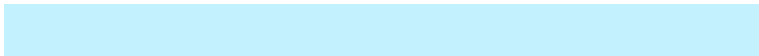
218.1140, -17.5160, 9.0760

Complementary

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



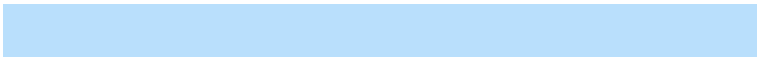
220.2720, 31.5890, 5.7090



228.7280, -31.5890, -5.7090

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.



214.9440, -31.9570, 0.9630



220.2720, 31.5890, 5.7090



211.6860, -31.7710, -13.4270

Square

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



220.2720, 31.5890, 5.7090



214.5570, -0.7310, -14.2910



212.1510, -37.2740, -7.3060



220.5570, 0.4100, 14.6020

Rectangle

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



220.2720, 31.5890, 5.7090



217.4950, 20.1750, -7.7050



212.1510, -37.2740, -7.3060



217.0100, -23.1550, 6.6450

Sweetspot

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



220.2720, 31.5890, 5.7090



244.7300, 9.6280, 1.7240



217.8850, 20.3980, 26.8140



122.0500, 5.7310, 0.7630



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.



220.2720, 31.5890, 5.7090



214.0340, 38.1910, 7.2070



237.2950, 23.6140, -9.4580



120.6480, 6.9230, 1.1870



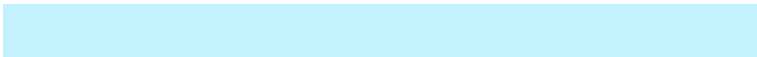
81.7630, 102.2860, 18.5260



27.3540, 34.2940, 6.2460

Inverse Universe

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



228.7280, -31.5890, -5.7090



224.3790, -37.9160, -6.6840



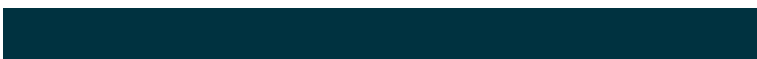
211.7050, -23.6140, 9.4580



122.3520, -6.9230, -1.1870



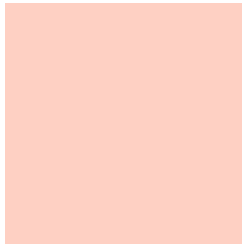
109.2370, -102.2860, -18.5260



36.6460, -34.2940, -6.2460

Previews

White Background



This preview shows how the YIQ color 220.2720, 31.5890, 5.7090 looks on a white background.

Color Contrast Check

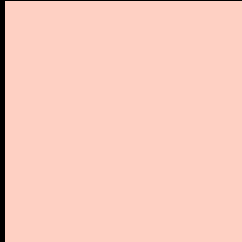
Large Text (above 18pt) WCAG AA × Fail

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 220.2720, 31.5890, 5.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

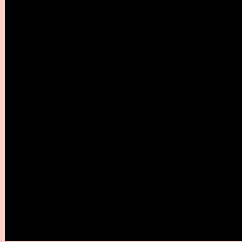
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

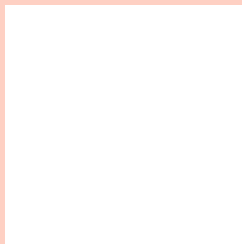
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.2720, 31.5890, 5.7090

Background



This preview shows how black text looks on a background with the YIQ color 220.2720, 31.5890, 5.7090.



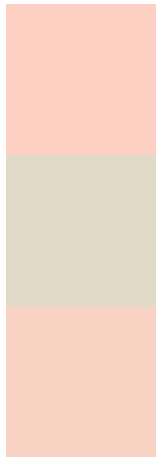
This preview shows how white text looks on a background with the YIQ color 220.2720, 31.5890,

5.7090.

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

220.2720, 31.5890, 5.7090

Protanopia

218.3400, 10.5460, -3.9020

Deuteranopia

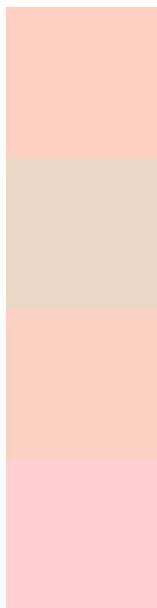
219.6520, 27.4630, 3.3910



Tritanopia

221.6600, 24.9850, 15.2650

Trichromacy



Original Color

220.2720, 31.5890, 5.7090

Protanomaly

218.7540, 18.2480, -0.3120

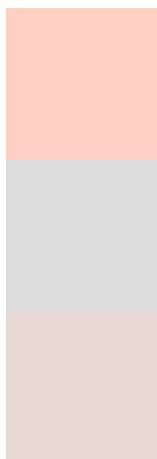
Deuteranomaly

219.6630, 28.9300, 4.3380

Tritanomaly

221.2210, 27.5990, 11.9430

Monochromacy



Original Color

220.2720, 31.5890, 5.7090

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2140, 11.1410, 1.8370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2720, 31.5890, 5.7090 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, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 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(254, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 195) }
```

Border

The CSS property to change the border of an element to YIQ 220.2720, 31.5890, 5.7090 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, 208, 195) }
```


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

```
.border{ border-color:rgb(254, 208, 195) }
```

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

Here you see how a box with a 4 pixel rgb(254, 208, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2720, 31.5890, 5.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 195) }
```

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

```
.background{ background-color: rgb(254,  
208, 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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