

Converting Colors

YIQ(228.7580, 29.6200, -8.1720)

Have a look what the booklet for
YIQ(228.7580, 29.6200, -8.1720)
contains.

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Color

**YIQ(228.7580, 29.6200,
-8.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE2B6
RGB	252, 226, 182
RGB Percent	99%, 89%, 71%
CMY	0.0117, 0.1137, 0.2861
CMYK	0.00, 0.10, 0.28, 0.01
HSL	38°, 92%, 85%
HSV	38°, 28%, 99%
XYZ	75.7889, 78.4628, 55.4273
YIQ	228.7580, 29.6200, -8.1720

Conversions

Conversions Part 2

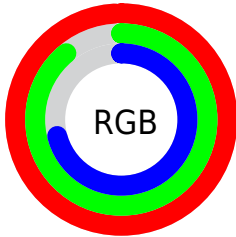
Format	Color
R _Y B	223, 252, 182
Decimal	16573110
CIE Lab	90.99, 2.49, 24.77
CIE LCh	91, 24.899, 84.271
Yxy	78.4628, 0.3615, 0.3742
Android (android.graphics.Color)	4294763190 (0xFFFC E2B6)
YUV	228.7580, -23.0517, 20.3832
Hunter-Lab	88.5792, -2.2880, 24.9055

Details

The YIQ color **228.7580, 29.6200, -8.1720** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **205.2420, -29.6200, 8.1720**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **253.0620, 5.4570, -5.2870**, and **173.3880, 27.7860, -7.9740** is the 20% darker color. If you saturate the color by 10%, you get **220.6250, 40.1200, -11.2400**, and if you desaturate by 10%, it is **236.8910, 19.1200, -5.1040**.

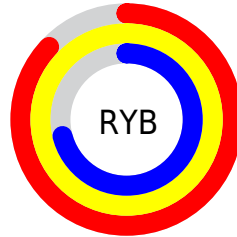
Distribution



Red (99%)

Green (89%)

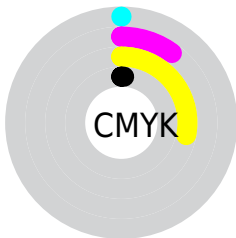
Blue (71%)



Red (87%)

Yellow (99%)

Blue (71%)

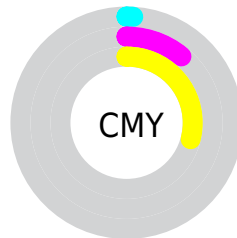


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7580, 29.6200, -8.1720 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 228.7580, 29.6200, -8.1720 by changing the saturation by 10% instead.

228.7580, 29.6200,
-8.1720

228.7580, 29.6200,
-8.1720

255.0000, -0.0000,
-0.0000

200.5730, 28.7030,
-8.0730

253.0620, 5.4570,
-5.2870

173.3880, 27.7860,
-7.9740

146.3170, 26.5480,
-7.5640

120.7190, 25.3560,
-7.9880

95.6480, 24.1180,
-7.5780

71.8650, 22.0090,
-7.9030

48.6800, 21.0920,

-7.8040

■ 28.1080, 17.0110,
-5.4290

■ 4.7620, 6.6020,
1.4980

■ 228.7580, 29.6200,
-8.1720

■ 228.7580, 29.6200,
-8.1720

■ 220.6250, 40.1200,
-11.2400

■ 236.8910, 19.1200,
-5.1040

■ 211.9050, 50.8950,
-13.7850

■ 245.6110, 8.3450,
-2.5590

■ 203.6580, 61.7160,
-17.1640

■ 253.5160, -1.5130,
-0.1130

■ 195.5250, 72.2160,
-20.2320

■ 254.1030, -1.7880,
-0.6360

■ 186.8050, 82.9910,
-22.7770

■ 178.6720, 93.4910,
-25.8450

■ 169.9520,
104.2660, -28.3900

■ 168.0940,
106.7420, -29.2100

Harmonies

Analogous

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



225.9850, 30.7190, -0.5530



228.7580, 29.6200, -8.1720



226.3210, 11.5570, -16.7230

Triad

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



228.7580, 29.6200, -8.1720



219.9490, -48.6890, -15.1930



232.6940, 10.4500, 19.8740

Complementary

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



228.7580, 29.6200, -8.1720



205.2420, -29.6200, 8.1720

Split Complementary

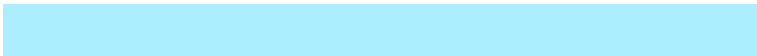
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.0180, -8.4380, 9.7540



228.7580, 29.6200, -8.1720



220.4920, -45.6640, -9.4400

Square

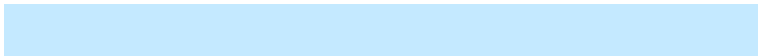
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7580, 29.6200, -8.1720



220.8010, -33.8330, -20.1130



224.4450, -29.1140, -1.0020



228.0660, 17.9700, 15.7460

Rectangle

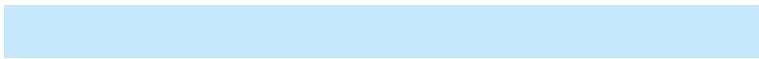
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.7580, 29.6200, -8.1720



224.1280, -4.0770, -19.7330



224.4450, -29.1140, -1.0020



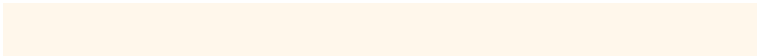
231.4760, 5.1320, 17.1320

Sweetspot

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



228.7580, 29.6200, -8.1720



248.0240, 8.6200, -2.0360



206.0080, 33.0530, 23.2370



123.5830, 5.5480, -1.4280



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.



228.7580, 29.6200, -8.1720



227.2270, 35.4890, -9.9110



241.6280, 17.7020, -23.4660



120.5830, 5.5480, -1.4280



126.3640, 79.9190, -22.1690



40.5450, 25.9060, -6.9420

Inverse Universe

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



205.2420, -29.6200, 8.1720



198.7730, -35.4890, 9.9110



192.3720, -17.7020, 23.4660



116.4170, -5.5480, 1.4280



62.6360, -79.9190, 22.1690



20.4550, -25.9060, 6.9420

Previews

White Background



This preview shows how the YIQ color 228.7580, 29.6200, -8.1720 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 228.7580, 29.6200, -8.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

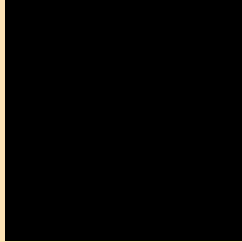
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.7580, 29.6200, -8.1720

Background



This preview shows how black text looks on a background with the YIQ color 228.7580, 29.6200, -8.1720.



This preview shows how white text looks on a background with the YIQ color 228.7580, 29.6200, -8.1720.

-8.1720.

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

228.7580, 29.6200, -8.1720

Protanopia

227.9420, 23.1100, -11.3380

Deuteranopia

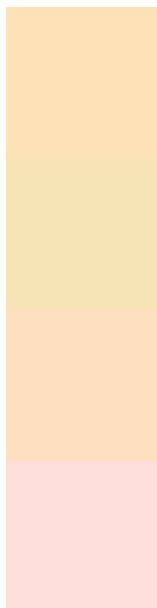
229.9460, 26.4550, -0.3690



Tritanopia

232.1750, 16.0450, 12.0850

Trichromacy



Original Color

228.7580, 29.6200, -8.1720

Protanomaly

228.2520, 25.1730, -10.1790

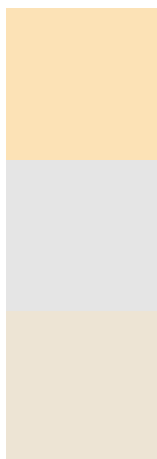
Deuteranomaly

229.4360, 27.8310, -3.2810

Tritanomaly

230.8840, 20.9980, 4.9180

Monochromacy



Original Color

228.7580, 29.6200, -8.1720

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.8670, 10.5000, -3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7580, 29.6200, -8.1720 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(252, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 182)  
}
```

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(252, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 182) }
```

Border

The CSS property to change the border of an element to YIQ 228.7580, 29.6200, -8.1720 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(252, 226, 182) }
```


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

```
.border{ border-color:rgb(252, 226, 182) }
```

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

Here you see how a box with a 4 pixel rgb(252, 226, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7580, 29.6200, -8.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 182) }
```

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

```
.background{ background-color: rgb(252,  
226, 182) }
```

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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