

Converting Colors

YIQ(232.7010, 8.5720, 9.8520)

Have a look what the booklet for
YIQ(232.7010, 8.5720, 9.8520)
contains.

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Color

**YIQ(232.7010, 8.5720,
9.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E0F0
RGB	247, 224, 240
RGB Percent	97%, 88%, 94%
CMY	0.0313, 0.1216, 0.0588
CMYK	0.00, 0.09, 0.03, 0.03
HSL	318°, 59%, 92%
HSV	318°, 9%, 97%
XYZ	80.7457, 79.3749, 93.5075
YIQ	232.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

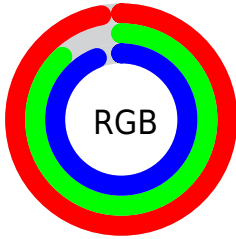
Format	Color
R_{YB}	247, 224, 240
Decimal	16244976
CIE _{Lab}	91.40, 10.60, -4.93
CIE _{LCh}	91, 11.689, 335.078
Yxy	79.3749, 0.3184, 0.3130
Android (android.graphics.Color)	4294435056 (0xFFFF7E0F0)
YUV	232.7010, 3.5984, 12.5402
Hunter-Lab	89.0926, 5.8646, 0.1367

Details

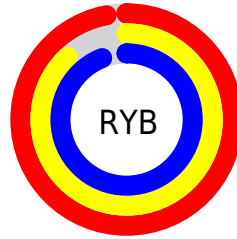
The YIQ color $232.7010, 8.5720, 9.8520$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.2990, -8.5720, -9.8520$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.2880, 8.2970, 9.3290$ is the 20% darker color. If you saturate the color by 10%, you get $217.1140, 18.0150, 20.4390$, and if you desaturate by 10%, it is $248.2880, -0.8710, -0.7350$.

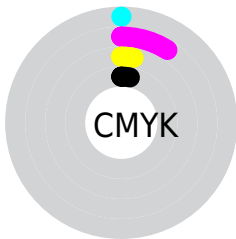
Distribution



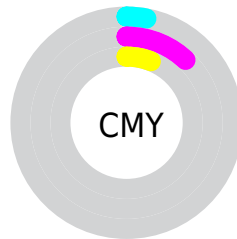
- Red (97%)
- Green (88%)
- Blue (94%)



- Red (97%)
- Yellow (88%)
- Blue (94%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 232.7010, 8.5720, 9.8520 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 232.7010, 8.5720, 9.8520 by changing the saturation by 10% instead.


 232.7010, 8.5720,
9.8520


 232.7010, 8.5720,
9.8520

255.0000, -0.0000,
-0.0000


 204.4020, 7.9760,
9.6400

 177.2880, 8.2970,
9.3290

 149.9890, 7.7010,
9.1170

 124.5760, 7.4260,
8.5940

 99.5760, 7.4260,
8.5940

 75.2770, 6.8300,
8.3820

 52.8640, 6.5550,

7.8590

■ 31.1520, 5.6840,
7.1240

■ 8.4020, 7.9760,
9.6400

■ 232.7010, 8.5720,
9.8520

■ 232.7010, 8.5720,
9.8520

■ 217.1140, 18.0150,
20.4390

■ 248.2880, -0.8710,
-0.7350

■ 202.2280, 26.8620,
30.8140

■ 252.6080, -4.7680,
-1.6960

■ 186.6410, 36.3050,
41.4010

■ 171.1680, 45.4270,
52.2990

■ 155.5810, 54.8700,
62.8860

■ 140.6950, 63.7170,
73.2610

■ 125.1080, 73.1600,
83.8480

■ 109.6350, 82.2820,
94.7460

■ 94.6350, 91.4500,
104.8100

Harmonies

Analogous

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



231.9000, -2.2940, 8.5380



232.7010, 8.5720, 9.8520



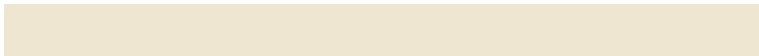
232.9530, 16.5500, 8.4380

Triad

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



232.7010, 8.5720, 9.8520



229.8840, 11.8300, -5.1460



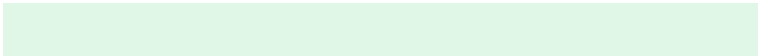
226.9310, -21.9150, -4.8190

Complementary

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



232.7010, 8.5720, 9.8520



238.2990, -8.5720, -9.8520

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.



226.5630, -18.0630, -8.5510



232.7010, 8.5720, 9.8520



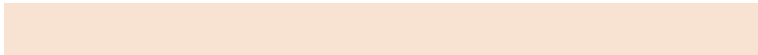
228.8010, 1.6980, -8.7500

Square

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



232.7010, 8.5720, 9.8520



231.3410, 17.9730, -0.8350



227.4130, -8.8930, -9.5410



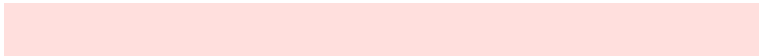
228.3490, -20.0360, -0.3240

Rectangle

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



232.7010, 8.5720, 9.8520



232.3400, 19.7140, 6.1620



227.4130, -8.8930, -9.5410



227.0620, -20.9060, -6.5860

Sweetspot

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



232.7010, 8.5720, 9.8520



250.0760, 2.8420, 3.5620



228.7150, -3.2110, 8.6370



124.2500, 2.2920, 2.5160



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.



232.7010, 8.5720, 9.8520



237.5380, 10.5890, 11.8450



231.4470, 12.1030, 6.4310



114.6140, 4.2630, 5.3430



70.3200, 69.4470, 79.5510



22.3150, 22.0030, 25.2590

Inverse Universe

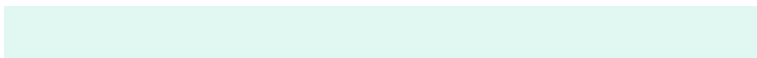
The Inverse Universe completely reimagines the original color for something new.



232.7010, 8.5720, 9.8520



237.5380, 10.5890, 11.8450



239.5530, -12.1030, -6.4310



114.6140, 4.2630, 5.3430



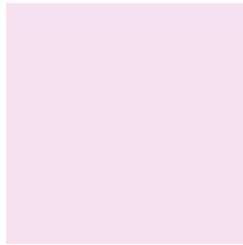
70.3200, 69.4470, 79.5510



22.3150, 22.0030, 25.2590

Previews

White Background



This preview shows how the YIQ color 232.7010, 8.5720, 9.8520 looks on a white background.

Color Contrast Check

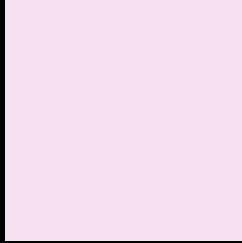
Large Text (above 18pt) WCAG AA × Fail

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 232.7010, 8.5720, 9.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

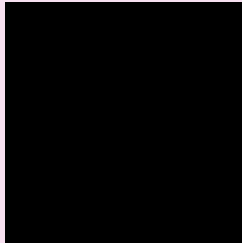
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 232.7010, 8.5720, 9.8520

Background



This preview shows how black text looks on a background with the YIQ color 232.7010, 8.5720, 9.8520.



This preview shows how white text looks on a background with the YIQ color 232.7010, 8.5720,

9.8520.

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

232.7010, 8.5720, 9.8520

Protanopia

231.1940, -3.3020, 4.7780

Deuteranopia

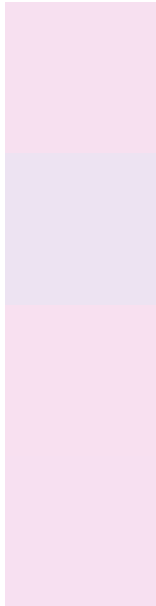
233.0000, 9.1680, 10.0640



Tritanopia

232.8150, 8.2510, 10.1630

Trichromacy



Original Color

232.7010, 8.5720, 9.8520

Protanomaly

231.7000, 1.1450, 6.7850

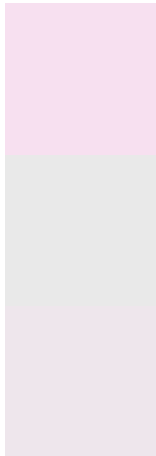
Deuteranomaly

233.0000, 9.1680, 10.0640

Tritanomaly

232.8150, 8.2510, 10.1630

Monochromacy



Original Color

232.7010, 8.5720, 9.8520

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0760, 2.8420, 3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.7010, 8.5720, 9.8520 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(247, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 240)  
}
```

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(247, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 240) }
```

Border

The CSS property to change the border of an element to YIQ 232.7010, 8.5720, 9.8520 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(247, 224, 240) }
```


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

```
.border{ border-color:rgb(247, 224, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 232.7010, 8.5720, 9.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 240) }
```

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

```
.background{ background-color: rgb(247,  
224, 240) }
```

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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