

Converting Colors

YIQ(232.6520, 1.1000, 2.0920)

Have a look what the booklet for
YIQ(232.6520, 1.1000, 2.0920)
contains.

YIQ(232.6520, 1.1000, 2.0920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(232.6520, 1.1000,
2.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE7EB
RGB	235, 231, 235
RGB Percent	92%, 91%, 92%
CMY	0.0784, 0.0941, 0.0784
CMYK	0.00, 0.02, 0.00, 0.08
HSL	300°, 9%, 91%
HSV	300°, 2%, 92%
XYZ	77.8329, 80.8118, 90.0935
YIQ	232.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

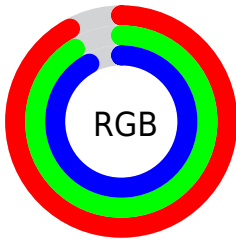
Format	Color
R_{YB}	235, 231, 235
Decimal	15460331
CIE Lab	92.05, 2.06, -1.47
CIE LCh	92, 2.532, 324.439
Yxy	80.8118, 0.3129, 0.3249
Android (android.graphics.Color)	4293650411 (0xFFEBE7EB)
YUV	232.6520, 1.1576, 2.0592
Hunter-Lab	89.8954, -2.7687, 3.5061

Details

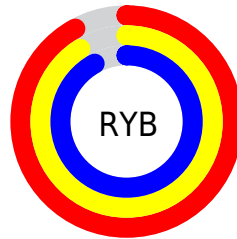
The YIQ color $232.6520, 1.1000, 2.0920$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.3480, -1.1000, -2.0920$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.6520, 1.1000, 2.0920$ is the 20% darker color. If you saturate the color by 10%, you get $219.1510, 7.4250, 14.1210$, and if you desaturate by 10%, it is $246.7400, -5.5000, -10.4600$.

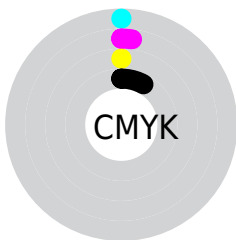
Distribution



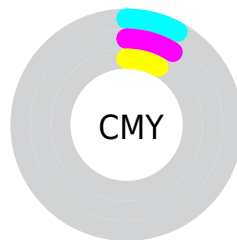
- Red (92%)
- Green (91%)
- Blue (92%)



- Red (92%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.6520, 1.1000, 2.0920 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 232.6520, 1.1000, 2.0920 by changing the saturation by 10% instead.

■ 232.6520, 1.1000,
2.0920

■ 232.6520, 1.1000,
2.0920

255.0000, -0.0000,
-0.0000

■ 204.6520, 1.1000,
2.0920

■ 176.6520, 1.1000,
2.0920

■ 150.6520, 1.1000,
2.0920

■ 124.6520, 1.1000,
2.0920

■ 99.6520, 1.1000,
2.0920

■ 75.6520, 1.1000,
2.0920

■ 53.2390, 0.8250,

1.5690

■ 32.2390, 0.8250,
1.5690

■ 8.0650, 1.3750,
2.6150

■ 232.6520, 1.1000,
2.0920

■ 232.6520, 1.1000,
2.0920

■ 219.1510, 7.4250,
14.1210

■ 246.7400, -5.5000,
-10.4600

■ 205.0630, 14.0250,
26.6730

■ 191.5620, 20.3500,
38.7020

■ 177.4740, 26.9500,
51.2540

■ 163.9730, 33.2750,
63.2830

■ 149.8850, 39.8750,
75.8350

■ 136.3840, 46.2000,
87.8640

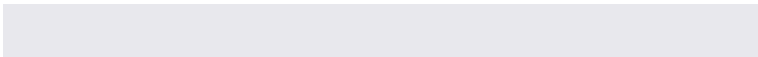
■ 122.2960, 52.8000,
100.4160

■ 108.2080, 59.4000,
112.9680

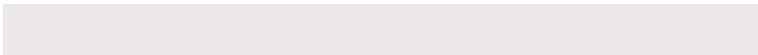
Harmonies

Analogous

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



232.5700, -1.6050, 1.5550



232.6520, 1.1000, 2.0920



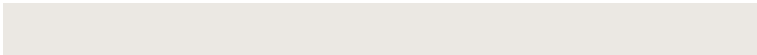
233.0220, 2.9340, 1.8940

Triad

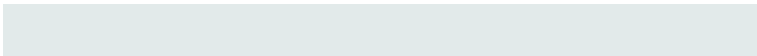
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.6520, 1.1000, 2.0920



232.3270, 3.3930, -0.9190



231.6080, -4.7680, -1.6960

Complementary

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



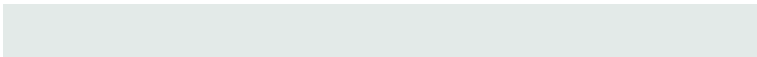
232.6520, 1.1000, 2.0920



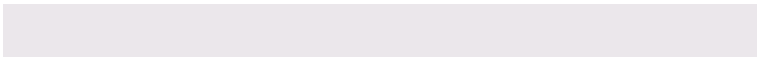
233.3480, -1.1000, -2.0920

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.



231.6790, -3.5300, -2.1060



232.6520, 1.1000, 2.0920



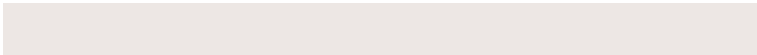
232.1310, 1.0090, -1.7670

Square

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



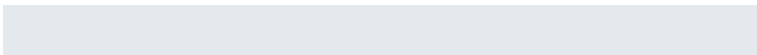
232.6520, 1.1000, 2.0920



232.4520, 4.5390, 0.3390



231.3480, -1.1000, -2.0920



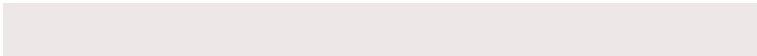
231.5480, -4.5390, -0.3390

Rectangle

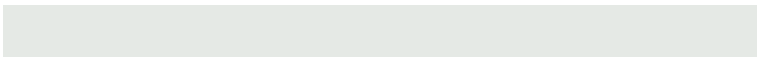
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



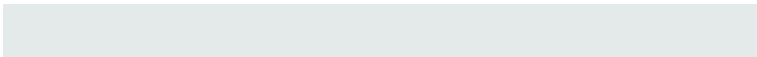
232.6520, 1.1000, 2.0920



233.0930, 4.1720, 1.4840



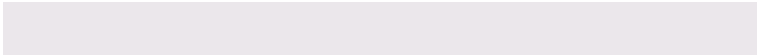
231.3480, -1.1000, -2.0920



231.7930, -3.8510, -1.7950

Sweetspot

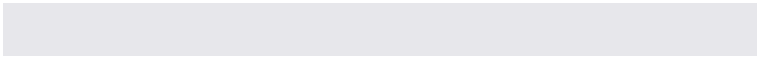
The Sweet Spot groups the original color and five complimentary colors.



232.6520, 1.1000, 2.0920



253.2390, 0.8250, 1.5690



231.4560, -1.2840, 1.2440



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

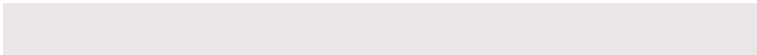
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.6520, 1.1000, 2.0920



252.0650, 1.3750, 2.6150



232.4240, 1.7420, 1.4700



115.8260, 0.5500, 1.0460



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Inverse Universe

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



232.6520, 1.1000, 2.0920



252.0650, 1.3750, 2.6150



233.5760, -1.7420, -1.4700



115.8260, 0.5500, 1.0460



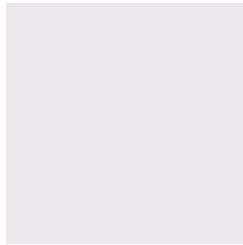
74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 232.6520, 1.1000, 2.0920 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 232.6520, 1.1000, 2.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

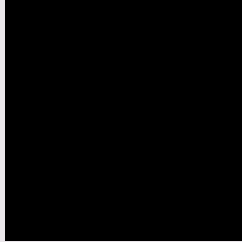
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

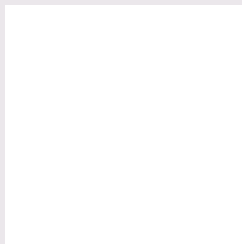
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.6520, 1.1000, 2.0920

Background



This preview shows how black text looks on a background with the YIQ color 232.6520, 1.1000, 2.0920.



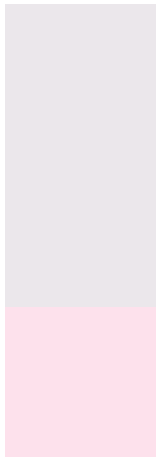
This preview shows how white text looks on a background with the YIQ color 232.6520, 1.1000,

2.0920.

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

232.6520, 1.1000, 2.0920

Protanopia

232.6520, 1.1000, 2.0920

Deuteranopia

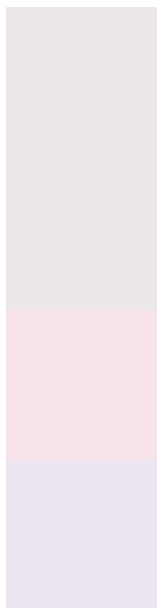
234.6260, 13.1570, 9.3570



Tritanopia

233.4440, -1.0100, 7.2940

Trichromacy



Original Color

232.6520, 1.1000, 2.0920

Protanomaly

232.6520, 1.1000, 2.0920

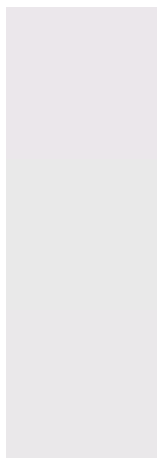
Deuteranomaly

233.7070, 8.4350, 6.8270

Tritanomaly

233.2760, -0.5970, 5.3150

Monochromacy



Original Color

232.6520, 1.1000, 2.0920

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

232.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.6520, 1.1000, 2.0920 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(235, 231, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 231, 235)  
}
```

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(235, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 231, 235) }
```

Border

The CSS property to change the border of an element to YIQ 232.6520, 1.1000, 2.0920 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(235, 231, 235) }
```


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

```
.border{ border-color:rgb(235, 231, 235) }
```

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

Here you see how a box with a 4 pixel rgb(235, 231, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 231,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 232.6520, 1.1000, 2.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 231, 235) }
```

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

```
.background{ background-color: rgb(235,  
231, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor