

Converting Colors

YIQ(231.7520, 12.5620, 3.6180)

Have a look what the booklet for
YIQ(231.7520, 12.5620, 3.6180)
contains.

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Color

**YIQ(231.7520, 12.5620,
3.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E2E0
RGB	246, 226, 224
RGB Percent	96%, 89%, 88%
CMY	0.0352, 0.1137, 0.1215
CMYK	0.00, 0.08, 0.09, 0.04
HSL	5°, 55%, 92%
HSV	5°, 9%, 96%
XYZ	78.6606, 79.3656, 81.7036
YIQ	231.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

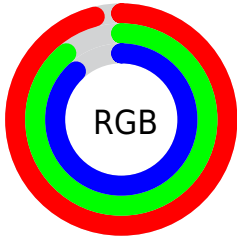
Format	Color
R_{YB}	246, 226, 224
Decimal	16179936
CIE _{Lab}	91.40, 6.51, 3.43
CIE _{LCh}	91, 7.355, 27.786
Yxy	79.3656, 0.3281, 0.3311
Android (android.graphics.Color)	4294370016 (0xFFFF6E2E0)
YUV	231.7520, -3.8217, 12.4955
Hunter-Lab	89.0874, 1.7054, 7.9853

Details

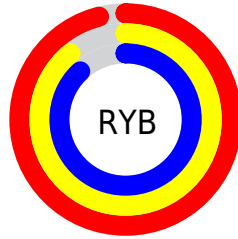
The YIQ color $231.7520, 12.5620, 3.6180$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.2480, -12.5620, -3.6180$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.4530, 11.9660, 3.4060$ is the 20% darker color. If you saturate the color by 10%, you get $215.9880, 26.6370, 7.3490$, and if you desaturate by 10%, it is $247.5160, -1.5130, -0.1130$.

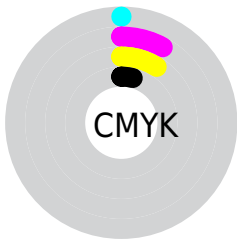
Distribution



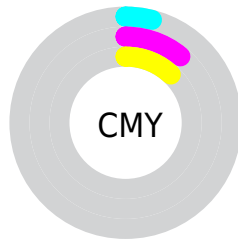
- Red (96%)
- Green (89%)
- Blue (88%)



- Red (96%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.7520, 12.5620, 3.6180 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 231.7520, 12.5620, 3.6180 by changing the saturation by 10% instead.

231.7520, 12.5620,
3.6180

231.7520, 12.5620,
3.6180

255.0000, -0.0000,
-0.0000

203.4530, 11.9660,
3.4060

176.4530, 11.9660,
3.4060

149.1540, 11.3700,
3.1940

123.8550, 10.7740,
2.9820

98.8550, 10.7740,
2.9820

74.6700, 9.8570,
3.0810

52.3710, 9.2610,

2.8690

■ 31.0720, 8.6650,
2.6570

■ 6.2790, 12.5160,
4.4520

■ 231.7520, 12.5620,
3.6180

■ 231.7520, 12.5620,
3.6180

■ 215.9880, 26.6370,
7.3490

■ 247.5160, -1.5130,
-0.1130

■ 199.7510, 40.6660,
11.9140

■ 252.3090, -5.3640,
-1.9080

■ 183.9870, 54.7410,
15.6450

■ 167.7500, 68.7700,
20.2100

■ 151.9860, 82.8450,
23.9410

■ 136.2220, 96.9200,
27.6720

■ 119.9850,
110.9490, 32.2370

■ 104.2210,
125.0240, 35.9680

■ 88.5710, 138.7780,
40.0100

Harmonies

Analogous

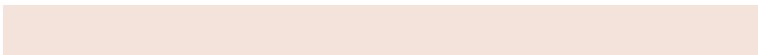
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.2510, 9.7190, 5.5830



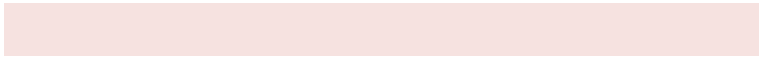
231.7520, 12.5620, 3.6180



230.8720, 12.1040, 0.9040

Triad

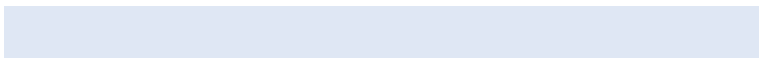
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.7520, 12.5620, 3.6180



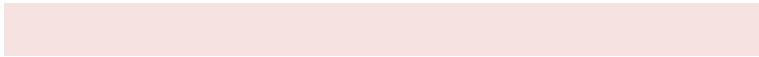
228.8590, -4.2170, -6.1770



230.0900, -8.9410, 2.3470

Complementary

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



231.7520, 12.5620, 3.6180



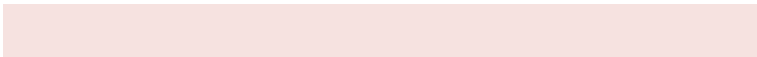
238.2480, -12.5620, -3.6180

Split Complementary

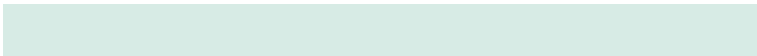
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.9430, -13.0210, -0.8050



231.7520, 12.5620, 3.6180



228.3360, -9.9940, -6.1060

Square

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



231.7520, 12.5620, 3.6180



229.5070, 2.7060, -4.9900



228.0630, -13.4790, -3.5190



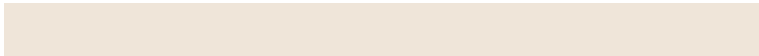
231.1940, -3.3020, 4.7780

Rectangle

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



231.7520, 12.5620, 3.6180



230.6220, 9.8120, -1.6120



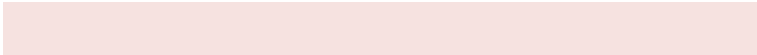
228.0630, -13.4790, -3.5190



229.7800, -11.0040, 1.1880

Sweetspot

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



231.7520, 12.5620, 3.6180



249.9790, 4.4930, 1.1730



232.8580, 6.6920, 10.8840



124.3810, 3.3010, 0.7490



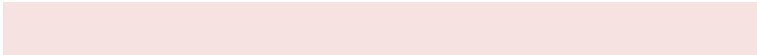
0.0000, 0.0000, 0.0000



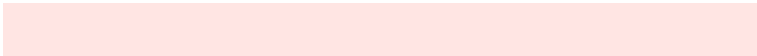
128.0000, -0.0000, -0.0000

Same Dimension

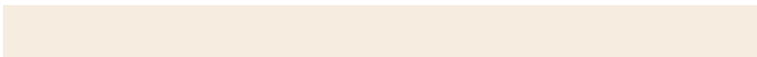
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.7520, 12.5620, 3.6180



236.5460, 16.1380, 4.8900



238.2090, 9.5370, -2.1350



114.1750, 6.8770, 2.0210



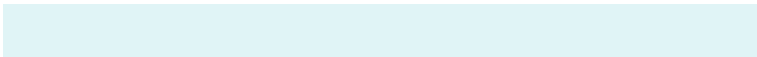
65.5930, 106.1810, 30.5410



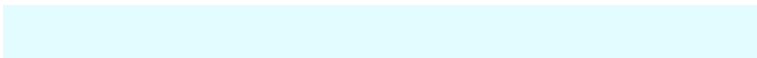
20.5760, 33.7890, 9.8930

Inverse Universe

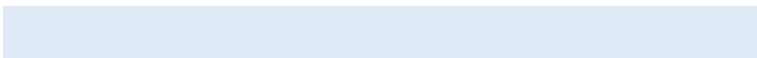
The Inverse Universe completely reimagines the original color for something new.



238.2480, -12.5620, -3.6180



244.8670, -15.8630, -4.3670



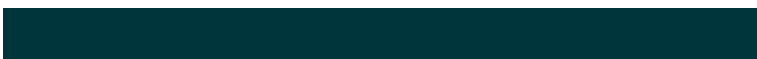
231.7910, -9.5370, 2.1350



117.8250, -6.8770, -2.0210



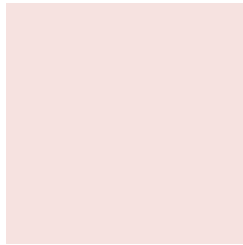
120.4070, -106.1810, -30.5410



37.8370, -33.5140, -9.3700

Previews

White Background



This preview shows how the YIQ color 231.7520, 12.5620, 3.6180 looks on a white background.

Color Contrast Check

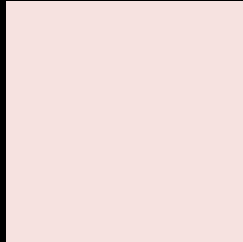
Large Text (above 18pt) WCAG AA × Fail

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 231.7520, 12.5620, 3.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

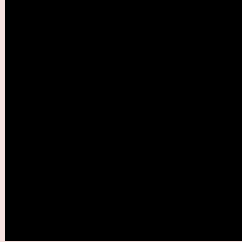
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

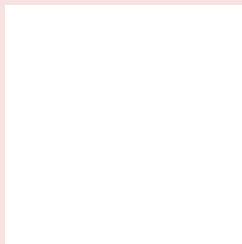
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.7520, 12.5620, 3.6180

Background



This preview shows how black text looks on a background with the YIQ color 231.7520, 12.5620, 3.6180.



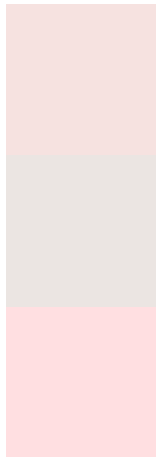
This preview shows how white text looks on a background with the YIQ color 231.7520, 12.5620,

3.6180.

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

231.7520, 12.5620, 3.6180

Protanopia

230.4520, 4.5390, 0.3390

Deuteranopia

232.7960, 18.4300, 7.4060



Tritanopia

232.5270, 9.1220, 10.8980

Trichromacy



Original Color

231.7520, 12.5620, 3.6180

Protanomaly

230.9470, 7.5190, 1.3990

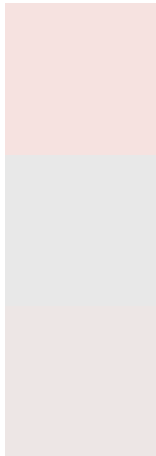
Deuteranomaly

232.4860, 16.3670, 6.2470

Tritanomaly

232.1310, 10.1770, 8.2970

Monochromacy



Original Color

231.7520, 12.5620, 3.6180

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.9790, 4.4930, 1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.7520, 12.5620, 3.6180 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(246, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 224)  
}
```

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(246, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 224) }
```

Border

The CSS property to change the border of an element to YIQ 231.7520, 12.5620, 3.6180 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(246, 226, 224) }
```


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

```
.border{ border-color:rgb(246, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 231.7520, 12.5620, 3.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 224) }
```

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

```
.background{ background-color: rgb(246,  
226, 224) }
```

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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