

Converting Colors

YIQ(232.4160, -12.9750,
-1.6390)

Have a look what the booklet for
YIQ(232.4160, -12.9750, -1.6390)
contains.

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Color

**YIQ(232.4160, -12.9750,
-1.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEDF4
RGB	219, 237, 244
RGB Percent	86%, 93%, 96%
CMY	0.1412, 0.0705, 0.0432
CMYK	0.10, 0.03, 0.00, 0.04
HSL	197°, 53%, 91%
HSV	197°, 10%, 96%
XYZ	75.8238, 82.1621, 97.4389
YIQ	232.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

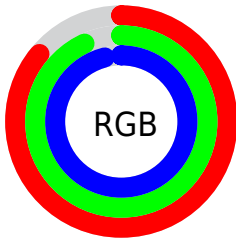
Format	Color
R _Y B	219, 229, 244
Decimal	14413300
CIE Lab	92.65, -4.58, -5.41
CIE LCh	93, 7.089, 229.755
Yxy	82.1621, 0.2969, 0.3217
Android (android.graphics.Color)	4292603380 (0xFFDBEDF4)
YUV	232.4160, 5.7109, -11.7658
Hunter-Lab	90.6433, -9.3092, -0.2847

Details

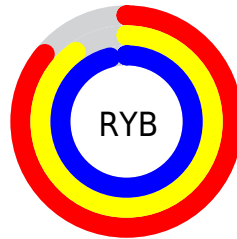
The YIQ color $232.4160, -12.9750, -1.6390$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.5840, 12.9750, 1.6390$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.7150, -12.3790, -1.4270$ is the 20% darker color. If you saturate the color by 10%, you get $221.1310, -25.3540, -3.0660$, and if you desaturate by 10%, it is $243.7010, -0.5960, -0.2120$.

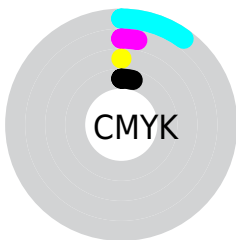
Distribution



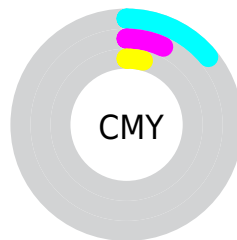
- Red (86%)
- Green (93%)
- Blue (96%)



- Red (86%)
- Yellow (90%)
- Blue (96%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.4160, -12.9750, -1.6390 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 232.4160, -12.9750, -1.6390 by changing the saturation by 10% instead.

■ 232.4160,
-12.9750, -1.6390

■ 232.4160,
-12.9750, -1.6390

255.0000, -0.0000,
-0.0000

■ 204.4160,
-12.9750, -1.6390

■ 176.7150,
-12.3790, -1.4270

■ 150.0140,
-11.7830, -1.2150

■ 124.0140,
-11.7830, -1.2150

■ 98.9000, -11.4620,
-1.5260

■ 75.1990, -10.8660,
-1.3140

■ 52.1990, -10.8660,

-1.3140

■ 31.0850, -10.5450,
-1.6250

■ 9.9110, -9.9950,
-0.5790

■ 232.4160,
-12.9750, -1.6390

■ 232.4160,
-12.9750, -1.6390

■ 221.1310,
-25.3540, -3.0660

■ 243.7010, -0.5960,
-0.2120

■ 209.5470,
-38.3290, -4.7050

■ 251.3980, 4.6310,
-1.3290

■ 198.8490,
-50.9830, -6.6550

■ 253.7460, 3.5310,
-3.4210

■ 187.2650,
-63.9580, -8.2940

■ 175.9800,
-76.3370, -9.7210

■ 164.6950,
-88.7160, -11.1480

■ 153.1110,
-101.6910, -12.7870

■ 142.4130,
-114.3450, -14.7370

■ 131.1280,
-126.7240, -16.1640

Harmonies

Analogous

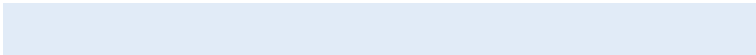
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.0200, -11.9200, -4.2400



232.4160, -12.9750, -1.6390



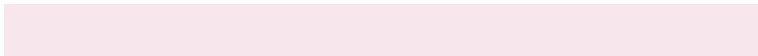
233.3780, -9.8120, 1.6120

Triad

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



232.4160, -12.9750, -1.6390



235.7670, 8.2060, 5.4700



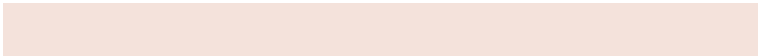
233.4040, 4.4940, -4.3540

Complementary

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



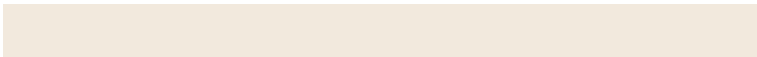
232.4160, -12.9750, -1.6390



230.5840, 12.9750, 1.6390

Split Complementary

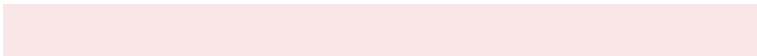
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.3230, 9.2160, -1.8240



232.4160, -12.9750, -1.6390



235.6810, 11.3240, 4.0280

Square

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



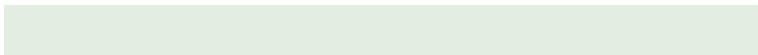
232.4160, -12.9750, -1.6390



235.3580, 2.1080, 5.8520



234.9860, 11.7830, 1.2150



232.6420, -2.1080, -5.8520

Rectangle

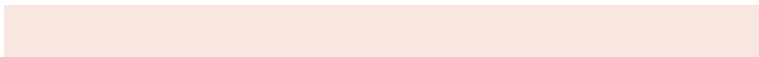
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.4160, -12.9750, -1.6390



234.2860, -6.5570, 3.1950



234.9860, 11.7830, 1.2150



233.3010, 6.2820, -3.7180

Sweetspot

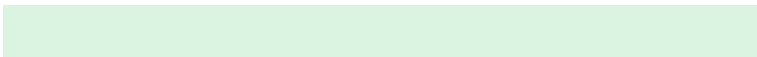
The Sweet Spot groups the original color and five complimentary colors.



232.4160, -12.9750, -1.6390



251.4340, -4.2180, -0.6500



234.4730, -9.1220, -10.8980



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



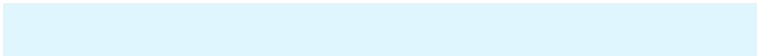
128.0000, -0.0000, -0.0000

Same Dimension

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



232.4160, -12.9750, -1.6390



240.4480, -16.0010, -1.8650



225.3720, -9.6750, 4.6370



116.6510, -6.3270, -0.9750



99.8620, -96.5560, -12.2360



31.3800, -30.4890, -3.6170

Inverse Universe

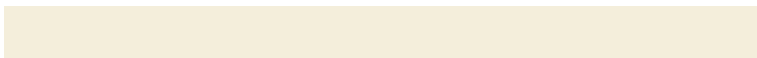
The Inverse Universe completely reimagines the original color for something new.



228.5270, 9.1220, 10.8980



235.7770, 11.4140, 13.4140



237.6280, 9.6750, -4.6370



114.6140, 4.2630, 5.3430



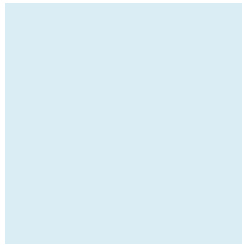
70.8900, 67.8420, 81.1060



22.4290, 21.6820, 25.5700

Previews

White Background



This preview shows how the YIQ color 232.4160, -12.9750, -1.6390 looks on a white background.

Color Contrast Check

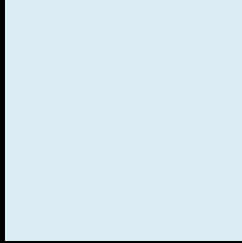
Large Text (above 18pt) WCAG AA × Fail

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 232.4160, -12.9750, -1.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

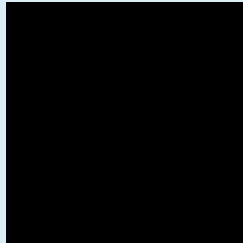
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

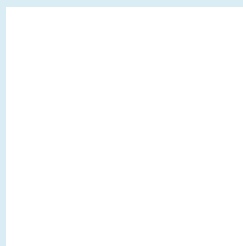
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.4160, -12.9750, -1.6390

Background



This preview shows how black text looks on a background with the YIQ color 232.4160, -12.9750, -1.6390.



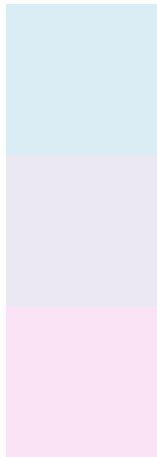
This preview shows how white text looks on a background with the YIQ color 232.4160, -12.9750,

-1.6390.

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

232.4160, -12.9750, -1.6390

Protanopia

233.9230, -1.1010, 3.4350

Deuteranopia

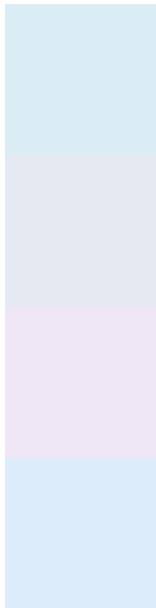
236.3420, 8.2050, 10.9970



Tritanopia

232.9800, -14.4430, 2.9410

Trichromacy



Original Color

232.4160, -12.9750, -1.6390

Protanomaly

233.4170, -5.5480, 1.4280

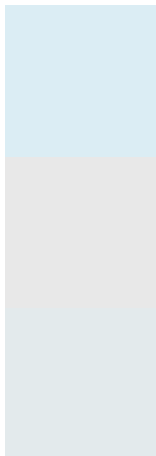
Deuteranomaly

234.9880, 0.2740, 6.0500

Tritanomaly

232.8120, -14.0300, 0.9620

Monochromacy



Original Color

232.4160, -12.9750, -1.6390

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.1350, -4.8140, -0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.4160, -12.9750, -1.6390 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(219, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(219, 237, 244)  
}
```

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(219, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 237, 244) }
```

Border

The CSS property to change the border of an element to YIQ 232.4160, -12.9750, -1.6390 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(219, 237, 244) }
```


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

```
.border{ border-color:rgb(219, 237, 244) }
```

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

Here you see how a box with a 4 pixel rgb(219, 237, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(219, 237,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 232.4160, -12.9750, -1.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 237, 244) }
```

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

```
.background{ background-color: rgb(219,  
237, 244) }
```

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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