

Converting Colors

YIQ(222.6510, -6.3270, -0.9750)

Have a look what the booklet for
YIQ(222.6510, -6.3270, -0.9750)
contains.

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Color

**YIQ(222.6510, -6.3270,
-0.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E1E4
RGB	216, 225, 228
RGB Percent	85%, 88%, 89%
CMY	0.1530, 0.1176, 0.1059
CMYK	0.05, 0.01, 0.00, 0.11
HSL	195°, 18%, 87%
HSV	195°, 5%, 89%
XYZ	69.2463, 74.0517, 84.0374
YIQ	222.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

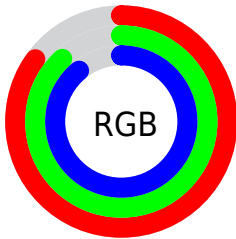
Format	Color
R_{YB}	216, 221, 228
Decimal	14213604
CIE _{Lab}	88.95, -2.45, -2.51
CIE _{LCh}	89, 3.511, 225.734
Yxy	74.0517, 0.3046, 0.3257
Android (android.graphics.Color)	4292403684 (0xFFD8E1E4)
YUV	222.6510, 2.6371, -5.8329
Hunter-Lab	86.0533, -6.9560, 2.3362

Details

The YIQ color $222.6510, -6.3270, -0.9750$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.3490, 6.3270, 0.9750$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.6510, -6.3270, -0.9750$ is the 20% darker color. If you saturate the color by 10%, you get $212.2520, -18.3850, -2.7130$, and if you desaturate by 10%, it is $233.0500, 5.7310, 0.7630$.

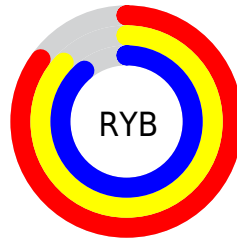
Distribution



Red (85%)

Green (88%)

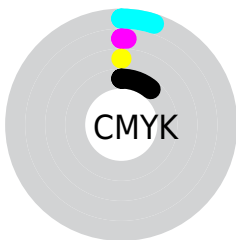
Blue (89%)



Red (85%)

Yellow (87%)

Blue (89%)

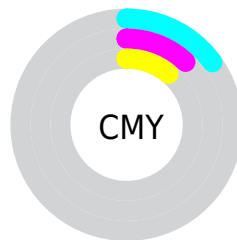


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.6510, -6.3270, -0.9750 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 222.6510, -6.3270, -0.9750 by changing the saturation by 10% instead.

■ 222.6510, -6.3270,
-0.9750

■ 222.6510, -6.3270,
-0.9750

255.0000, -0.0000,
-0.0000

■ 194.6510, -6.3270,
-0.9750

■ 167.6510, -6.3270,
-0.9750

■ 140.9500, -5.7310,
-0.7630

■ 115.8360, -5.4100,
-1.0740

■ 90.9500, -5.7310,
-0.7630

■ 67.8360, -5.4100,
-1.0740

■ 45.2490, -5.1350,

-0.5510

■ 25.1350, -4.8140,
-0.8620

■ 0.2280, -0.6420,
0.6220

■ 222.6510, -6.3270,
-0.9750

■ 222.6510, -6.3270,
-0.9750

■ 212.2520,
-18.3850, -2.7130

■ 233.0500, 5.7310,
0.7630

■ 202.4400,
-30.7180, -4.9740

■ 240.7690, 13.8920,
1.5400

■ 192.3400,
-42.1800, -6.5000

■ 244.2910, 12.2420,
-1.5980

■ 181.9410,
-54.2380, -8.2380

■ 247.8130, 10.5920,
-4.7360

■ 172.1290,
-66.5710, -10.4990

■ 250.7480, 9.2170,
-7.3510

■ 161.7300,
-78.6290, -12.2370

■ 251.9220, 8.6670,
-8.3970

■ 151.3310,
-90.6870, -13.9750

■ 141.8180,
-102.4240, -16.0240

■ 131.4190,
-114.4820, -17.7620

Harmonies

Analogous

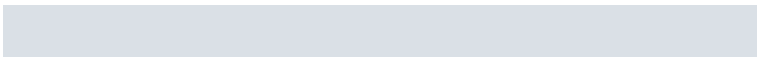
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3090, -5.3640, -1.9080



222.6510, -6.3270, -0.9750



222.8900, -5.5020, 0.5940

Triad

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



222.6510, -6.3270, -0.9750



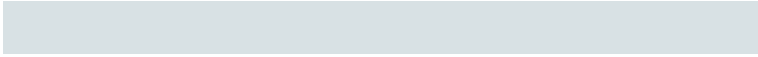
223.8480, 3.4840, 2.9400



223.2020, 2.2470, -2.1770

Complementary

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



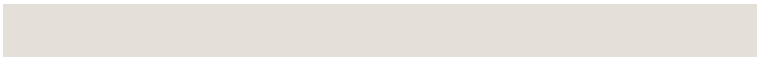
222.6510, -6.3270, -0.9750



221.3490, 6.3270, 0.9750

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.



223.8110, 4.9060, -0.8060



222.6510, -6.3270, -0.9750



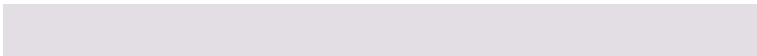
224.1040, 5.6390, 2.4310

Square

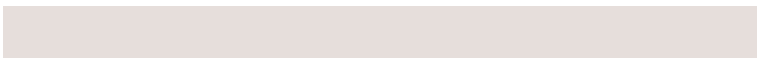
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.6510, -6.3270, -0.9750



223.8800, 0.4580, 2.7140



224.0500, 5.7310, 0.7630



222.8210, -1.0540, -2.9260

Rectangle

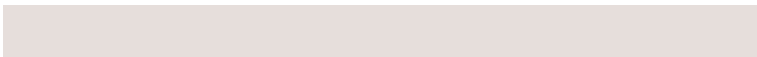
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



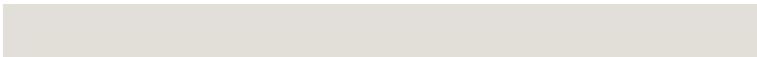
222.6510, -6.3270, -0.9750



223.2000, -3.4390, 1.7530



224.0500, 5.7310, 0.7630



223.2130, 3.7140, -1.2300

Sweetspot

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



222.6510, -6.3270, -0.9750



252.9180, -2.7050, -0.5370



223.3860, -4.2630, -5.3430



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



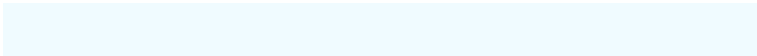
128.0000, -0.0000, -0.0000

Same Dimension

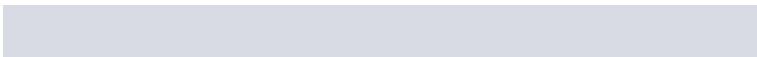
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.6510, -6.3270, -0.9750



248.1670, -7.8400, -1.0880



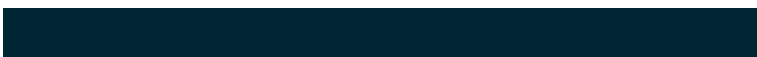
219.1290, -4.6770, 2.1630



111.4340, -4.2180, -0.6500



99.0640, -94.3090, -14.4130



28.1200, -26.8210, -4.0130

Inverse Universe

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



220.6140, 4.2630, 5.3430



245.7390, 5.4090, 6.6010



224.8710, 4.6770, -2.1630



110.0760, 2.8420, 3.5620



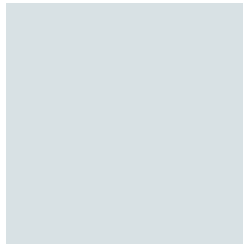
68.7970, 63.6700, 79.6220



19.5810, 18.1980, 22.6300

Previews

White Background



This preview shows how the YIQ color 222.6510, -6.3270, -0.9750 looks on a white background.

Color Contrast Check

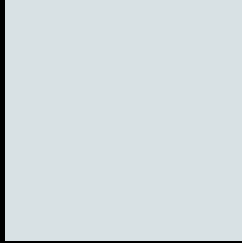
Large Text (above 18pt) WCAG AA × Fail

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 222.6510, -6.3270, -0.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

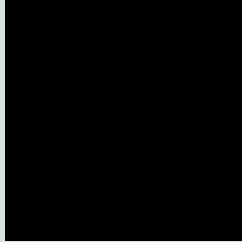
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

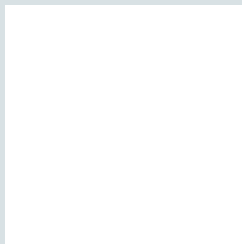
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.6510, -6.3270, -0.9750

Background



This preview shows how black text looks on a background with the YIQ color 222.6510, -6.3270, -0.9750.



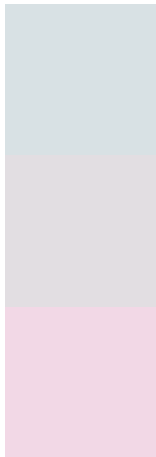
This preview shows how white text looks on a background with the YIQ color 222.6510, -6.3270,

-0.9750.

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

222.6510, -6.3270, -0.9750

Protanopia

223.6520, 1.1000, 2.0920

Deuteranopia

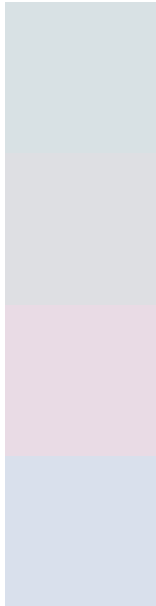
225.3700, 11.0020, 9.8660



Tritanopia

223.5570, -8.7580, 4.5380

Trichromacy



Original Color

222.6510, -6.3270, -0.9750

Protanomaly

223.1570, -1.8800, 1.0320

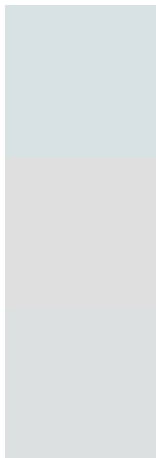
Deuteranomaly

224.3260, 5.1340, 6.0780

Tritanomaly

223.2750, -8.0240, 2.2480

Monochromacy



Original Color

222.6510, -6.3270, -0.9750

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.9180, -2.7050, -0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.6510, -6.3270, -0.9750 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(216, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(216, 225, 228)  
}
```

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(216, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 228) }
```

Border

The CSS property to change the border of an element to YIQ 222.6510, -6.3270, -0.9750 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(216, 225, 228) }
```


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

```
.border{ border-color:rgb(216, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(216, 225,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 222.6510, -6.3270, -0.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 225, 228) }
```

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

```
.background{ background-color: rgb(216,  
225, 228) }
```

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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