

Converting Colors

YIQ(236.1150, -2.0620, -6.6860)

Have a look what the booklet for
YIQ(236.1150, -2.0620, -6.6860)
contains.

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Color

**YIQ(236.1150, -2.0620,
-6.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F1E3
RGB	230, 241, 227
RGB Percent	90%, 95%, 89%
CMY	0.0981, 0.0549, 0.1098
CMYK	0.05, 0.00, 0.06, 0.05
HSL	107°, 33%, 92%
HSV	107°, 6%, 95%
XYZ	77.9521, 85.2809, 85.0259
YIQ	236.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

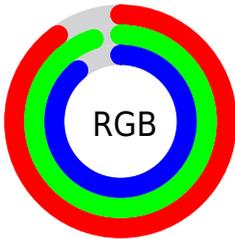
Format	Color
R _Y B	227, 241, 238
Decimal	15135203
CIE Lab	94.00, -6.13, 5.49
CIE LCh	94, 8.230, 138.173
Yxy	85.2809, 0.3140, 0.3435
Android (android.graphics.Color)	4293325283 (0xFFE6F1E3)
YUV	236.1150, -4.4937, -5.3629
Hunter-Lab	92.3477, -10.9337, 10.0542

Details

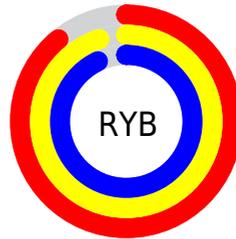
The YIQ color $236.1150, -2.0620, -6.6860$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.8850, 2.0620, 6.6860$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.2290, -2.3830, -6.3750$ is the 20% darker color. If you saturate the color by 10%, you get $227.6980, -5.6820, -18.1780$, and if you desaturate by 10%, it is $244.5320, 1.5580, 4.8060$.

Distribution



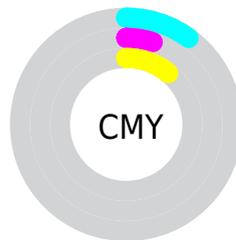
- Red (90%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.1150, -2.0620, -6.6860 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 236.1150, -2.0620, -6.6860 by changing the saturation by 10% instead.

 236.1150, -2.0620,
-6.6860

 236.1150, -2.0620,
-6.6860

255.0000, -0.0000,
-0.0000

 208.1150, -2.0620,
-6.6860

 180.2290, -2.3830,
-6.3750

 153.5280, -1.7870,
-6.1630

 127.5280, -1.7870,
-6.1630

 102.6420, -2.1080,
-5.8520

 78.6420, -2.1080,
-5.8520

 56.0550, -1.8330,

-5.3290

■ 34.4680, -1.5580,
-4.8060

■ 11.5880, -2.0160,
-7.5200

■ 236.1150, -2.0620,
-6.6860

■ 236.1150, -2.0620,
-6.6860

■ 227.6980, -5.6820,
-18.1780

■ 244.5320, 1.5580,
4.8060

■ 219.2810, -9.3020,
-29.6700

■ 246.7820, 3.8500,
7.3220

■ 210.8640,
-12.9220, -41.1620

■ 202.4470,
-16.5420, -52.6540

■ 193.9160,
-19.8410, -64.4570

■ 185.4990,
-23.4610, -75.9490

■ 177.0820,
-27.0810, -87.4410

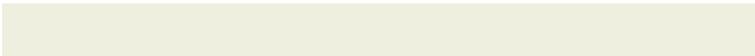
■ 168.6650,
-30.7010, -98.9330

■ 160.2480,
-34.3210, -110.4250

Harmonies

Analogous

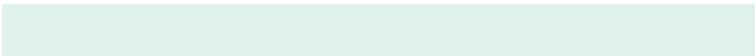
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1760, 5.1360, -4.9760



236.1150, -2.0620, -6.6860



235.1080, -9.3520, -6.7280

Triad

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



236.1150, -2.0620, -6.6860



236.7090, -12.2420, 1.5980



239.5780, 13.1120, 4.6640

Complementary

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



236.1150, -2.0620, -6.6860



231.8850, 2.0620, 6.6860

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.



239.5930, 8.7560, 6.5160



236.1150, -2.0620, -6.6860



238.5250, -5.7320, 4.7640

Square

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



236.1150, -2.0620, -6.6860



235.6330, -15.0840, -1.9640



238.8850, 2.0620, 6.6860



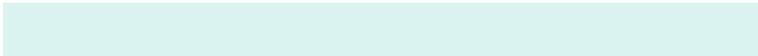
239.0680, 14.4880, 1.7520

Rectangle

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



236.1150, -2.0620, -6.6860



235.4820, -13.3410, -6.0210



238.8850, 2.0620, 6.6860



239.9200, 12.1490, 5.5970

Sweetspot

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



236.1150, -2.0620, -6.6860



253.2340, -0.7790, -2.4030



237.6430, 5.3190, -2.7850



126.7610, -0.8250, -1.5690



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.



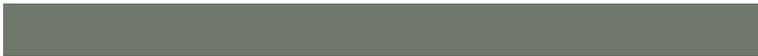
236.1150, -2.0620, -6.6860



248.7620, -2.5660, -8.5660



235.6740, -5.1340, -6.0780



116.4680, -1.5580, -4.8060



119.6690, -27.3560, -87.9640



36.4600, -8.2480, -26.7440

Inverse Universe

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



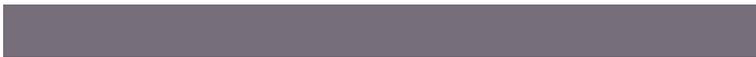
231.8850, 2.0620, 6.6860



243.2380, 2.5660, 8.5660



232.3260, 5.1340, 6.0780



113.5320, 1.5580, 4.8060



64.0320, 26.7600, 87.7520



19.5400, 8.2480, 26.7440

Previews

White Background



This preview shows how the YIQ color 236.1150, -2.0620, -6.6860 looks on a white background.

Color Contrast Check

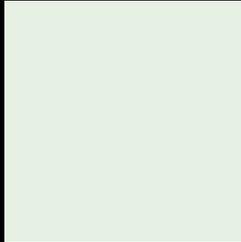
Large Text (above 18pt) WCAG AA × Fail

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 236.1150, -2.0620, -6.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

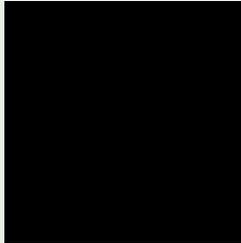
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

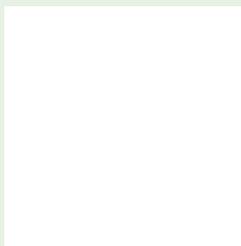
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.1150, -2.0620, -6.6860

Background



This preview shows how black text looks on a background with the YIQ color 236.1150, -2.0620, -6.6860.



This preview shows how white text looks on a background with the YIQ color 236.1150, -2.0620, -6.6860.

-6.6860.

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

236.1150, -2.0620, -6.6860

Protanopia

238.0240, 8.6200, -2.0360

Deuteranopia

238.8770, 13.7080, 4.8760



Tritanopia

238.4540, -6.9700, 5.1740

Trichromacy



Original Color

236.1150, -2.0620, -6.6860

Protanomaly

237.2300, 5.0440, -3.3080

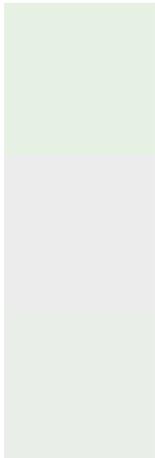
Deuteranomaly

237.7190, 8.1610, 0.7770

Tritanomaly

237.3030, -5.2270, 1.1170

Monochromacy



Original Color

236.1150, -2.0620, -6.6860

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.2340, -0.7790, -2.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.1150, -2.0620, -6.6860 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(230, 241, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 227)  
}
```

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(230, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 227) }
```

Border

The CSS property to change the border of an element to YIQ 236.1150, -2.0620, -6.6860 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(230, 241, 227) }
```


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

```
.border{ border-color:rgb(230, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 236.1150, -2.0620, -6.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 227) }
```

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

```
.background{ background-color: rgb(230,  
241, 227) }
```

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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