

Converting Colors

YIQ(213.6640, 9.9940, 6.1060)

Have a look what the booklet for
YIQ(213.6640, 9.9940, 6.1060)
contains.

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Color

**YIQ(213.6640, 9.9940,
6.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CFD5
RGB	227, 207, 213
RGB Percent	89%, 81%, 84%
CMY	0.1097, 0.1882, 0.1647
CMYK	0.00, 0.09, 0.06, 0.11
HSL	342°, 26%, 85%
HSV	342°, 9%, 89%
XYZ	66.0048, 65.7592, 72.1707
YIQ	213.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

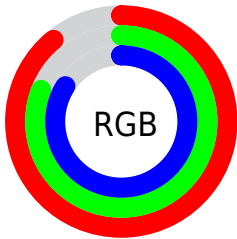
Format	Color
R _Y B	227, 207, 213
Decimal	14929877
CIE Lab	84.87, 7.98, -0.46
CIE LCh	85, 7.988, 356.696
Yxy	65.7592, 0.3237, 0.3225
Android (android.graphics.Color)	4293119957 (0xFFE3CFD5)
YUV	213.6640, -0.3274, 11.6957
Hunter-Lab	81.0920, 3.3790, 3.9972

Details

The YIQ color $213.6640, 9.9940, 6.1060$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $220.3360, -9.9940, -6.1060$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.2510, 9.7190, 5.5830$ is the 20% darker color. If you saturate the color by 10%, you get $198.3390, 21.4550, 13.1590$, and if you desaturate by 10%, it is $228.9890, -1.4670, -0.9470$.

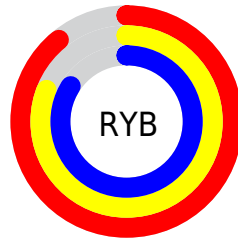
Distribution



Red (89%)

Green (81%)

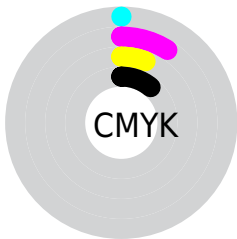
Blue (84%)



Red (89%)

Yellow (81%)

Blue (84%)

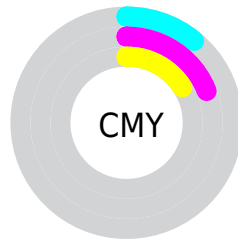


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.6640, 9.9940, 6.1060 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 213.6640, 9.9940, 6.1060 by changing the saturation by 10% instead.


 213.6640, 9.9940,
6.1060


 213.6640, 9.9940,
6.1060

255.0000, -0.0000,
-0.0000

 185.6640, 9.9940,
6.1060

 159.2510, 9.7190,
5.5830

 132.9520, 9.1230,
5.3710

 107.6530, 8.5270,
5.1590

 83.3540, 7.9310,
4.9470

 60.3540, 7.9310,
4.9470

 38.0550, 7.3350,

4.7350

■ 17.4680, 7.6100,
5.2580

■ 0.0000, 0.0000,
0.0000

■ 213.6640, 9.9940,
6.1060

■ 213.6640, 9.9940,
6.1060

■ 198.3390, 21.4550,
13.1590

■ 228.9890, -1.4670,
-0.9470

■ 183.6010, 32.6410,
19.6890

■ 243.7270,
-12.6530, -7.4770

■ 168.2760, 44.1020,
26.7420

■ 246.6280,
-16.6880, -5.9360

■ 152.9510, 55.5630,
33.7950

■ 137.7400, 66.7030,
41.1590

■ 123.0020, 77.8890,
47.6890

■ 107.6770, 89.3500,
54.7420

■ 92.3520, 100.8110,
61.7950

■ 77.6140, 111.9970,
68.3250

Harmonies

Analogous

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



213.2550, 3.8960, 6.4880



213.6640, 9.9940, 6.1060



213.3500, 13.7540, 4.0420

Triad

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



213.6640, 9.9940, 6.1060



211.2790, 3.3480, -5.6120



210.3450, -14.2130, -1.2290

Complementary

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



213.6640, 9.9940, 6.1060



220.3360, -9.9940, -6.1060

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.



209.6500, -13.7540, -4.0420



213.6640, 9.9940, 6.1060



209.7450, -3.8960, -6.4880

Square

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



213.6640, 9.9940, 6.1060



211.7960, 9.2620, -2.6580



209.4500, -10.3150, -5.7950



211.6060, -10.4540, 2.2340

Rectangle

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



213.6640, 9.9940, 6.1060



212.8830, 13.5710, 1.8510



209.4500, -10.3150, -5.7950



210.5190, -14.7630, -2.2750

Sweetspot

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



213.6640, 9.9940, 6.1060



249.7340, 3.8050, 2.6290



213.4660, 1.9240, 9.1880



124.0220, 2.9340, 1.8940



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.



213.6640, 9.9940, 6.1060



236.2840, 14.1200, 8.4240



215.3280, 10.8200, 2.1480



107.0440, 5.8680, 3.7880



59.6770, 89.3500, 54.7420



16.9590, 25.5810, 15.4770

Inverse Universe

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



213.6640, 9.9940, 6.1060



236.2840, 14.1200, 8.4240



218.6720, -10.8200, -2.1480



107.0440, 5.8680, 3.7880



59.6770, 89.3500, 54.7420



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 213.6640, 9.9940, 6.1060 looks on a white background.

Color Contrast Check

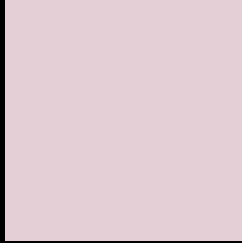
Large Text (above 18pt) WCAG AA × Fail

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 213.6640, 9.9940, 6.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

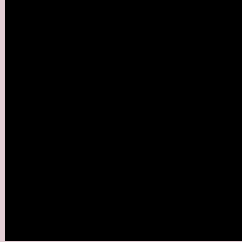
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.6640, 9.9940, 6.1060

Background



This preview shows how black text looks on a background with the YIQ color 213.6640, 9.9940, 6.1060.

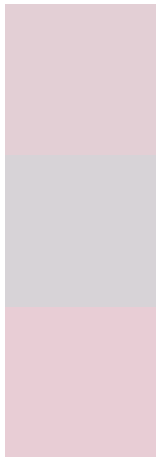


This preview shows how white text looks on a background with the YIQ color 213.6640, 9.9940,

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

213.6640, 9.9940, 6.1060

Protanopia

212.6520, 1.1000, 2.0920

Deuteranopia

213.9850, 13.5240, 8.2120



Tritanopia

214.4020, 7.9760, 9.6400

Trichromacy



Original Color

213.6640, 9.9940, 6.1060

Protanomaly

213.1470, 4.0800, 3.1520

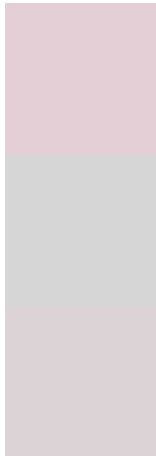
Deuteranomaly

213.9740, 12.0570, 7.2650

Tritanomaly

214.0600, 8.9390, 8.7070

Monochromacy



Original Color

213.6640, 9.9940, 6.1060

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.6640, 9.9940, 6.1060 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(227, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 213)  
}
```

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(227, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 213) }
```

Border

The CSS property to change the border of an element to YIQ 213.6640, 9.9940, 6.1060 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(227, 207, 213) }
```


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

```
.border{ border-color:rgb(227, 207, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 207, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 213.6640, 9.9940, 6.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 213) }
```

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

```
.background{ background-color: rgb(227,  
207, 213) }
```

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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