

Converting Colors

YIQ(202.7940, -13.6190,
10.0370)

Have a look what the booklet for
YIQ(202.7940, -13.6190, 10.0370)
contains.

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Color

**YIQ(202.7940, -13.6190,
10.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C8EB
RGB	196, 200, 235
RGB Percent	77%, 78%, 92%
CMY	0.2314, 0.2157, 0.0785
CMYK	0.17, 0.15, 0.00, 0.08
HSL	234°, 49%, 85%
HSV	234°, 17%, 92%
XYZ	58.4129, 59.0425, 86.8992
YIQ	202.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

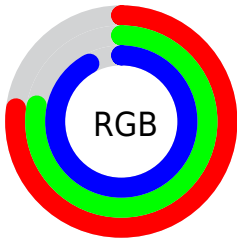
Format	Color
R_{YB}	196, 200, 235
Decimal	12896491
CIE _{Lab}	81.31, 5.64, -17.73
CIE _{LCh}	81, 18.608, 287.648
Yxy	59.0425, 0.2858, 0.2889
Android (android.graphics.Color)	4291086571 (0xFFC4C8EB)
YUV	202.7940, 15.8776, -5.9583
Hunter-Lab	76.8391, 1.2266, -13.2651

Details

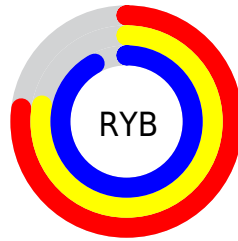
The YIQ color $202.7940, -13.6190, 10.0370$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $228.2060, 13.6190, -10.0370$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $148.5660, -12.9770, 9.4150$ is the 20% darker color. If you saturate the color by 10%, you get $183.5900, -21.5520, 16.1440$, and if you desaturate by 10%, it is $222.2970, -5.0900, 4.1420$.

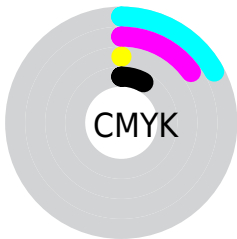
Distribution



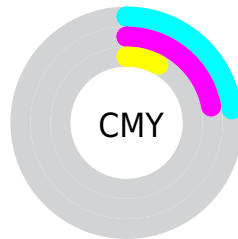
- Red (77%)
- Green (78%)
- Blue (92%)



- Red (77%)
- Yellow (78%)
- Blue (92%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.7940, -13.6190, 10.0370 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 202.7940, -13.6190, 10.0370 by changing the saturation by 10% instead.

■ 202.7940,
-13.6190, 10.0370

■ 202.7940,
-13.6190, 10.0370

■ 255.0000, -0.0000,
-0.0000

■ 175.6800,
-13.2980, 9.7260

■ 254.4020, -1.1920,
-0.4240

■ 148.5660,
-12.9770, 9.4150

■ 122.4520,
-12.6560, 9.1040

■ 97.9250, -12.6100,
8.2700

■ 73.8110, -12.2890,
7.9590

■ 51.2840, -12.2430,
7.1250

■ 29.4580, -12.7930,

6.0790

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,
2.1770

■ 202.7940,
-13.6190, 10.0370

■ 202.7940,
-13.6190, 10.0370

■ 183.5900,
-21.5520, 16.1440

■ 222.2970, -5.0900,
4.1420

■ 164.0870,
-30.0810, 22.0390

■ 241.5010, 2.8430,
-1.9650

■ 144.8830,
-38.0140, 28.1460

■ 252.7200, 6.4200,
-6.2200

■ 125.3800,
-46.5430, 34.0410

■ 106.1760,
-54.4760, 40.1480

■ 86.0860, -62.7300,
46.5660

■ 66.8820, -70.6630,
52.6730

■ 47.3790, -79.1920,
58.5680

■ 40.8780, -82.0350,
60.5330

Harmonies

Analogous

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



199.8520, -28.7020, 2.5460



202.7940, -13.6190, 10.0370



204.8240, 4.0320, 15.0400

Triad

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



202.7940, -13.6190, 10.0370



203.7340, 30.1680, 3.9280



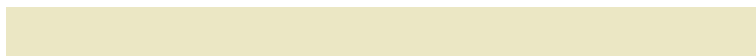
196.4930, -21.0420, -15.1380

Complementary

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



202.7940, -13.6190, 10.0370



228.2060, 13.6190, -10.0370

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.



198.2900, -4.3530, -14.7290



202.7940, -13.6190, 10.0370



202.0550, 24.5300, -4.0300

Square

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



202.7940, -13.6190, 10.0370



204.8790, 28.5620, 11.0100



200.3090, 11.8310, -10.6730



195.5550, -32.7800, -11.6600

Rectangle

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



202.7940, -13.6190, 10.0370



205.7990, 14.3480, 15.3080



200.3090, 11.8310, -10.6730



196.7170, -15.8610, -15.4210

Sweetspot

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



202.7940, -13.6190, 10.0370



244.6560, -4.7230, 2.9970



222.7690, -21.6390, -9.8230



121.4990, -2.8430, 1.9650



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.



202.7940, -13.6190, 10.0370



212.7490, -17.7460, 13.2460



204.9310, -3.5790, 15.3090



107.8410, -3.8060, 2.8980



31.7870, -63.3260, 46.3540



9.0910, -18.7090, 14.1790

Inverse Universe

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



208.1170, 21.9600, 9.5120



219.8190, 28.7910, 12.3670



226.0690, 3.5790, -15.3090



109.4030, 6.2350, 2.6430



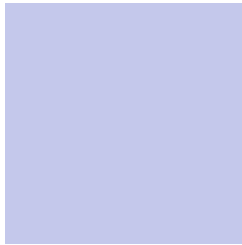
56.2850, 101.7770, 44.2810



16.7160, 30.5790, 13.0030

Previews

White Background



This preview shows how the YIQ color 202.7940, -13.6190, 10.0370 looks on a white background.

Color Contrast Check

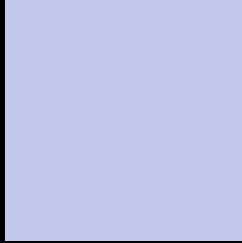
Large Text (above 18pt) WCAG AA × Fail

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 202.7940, -13.6190, 10.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

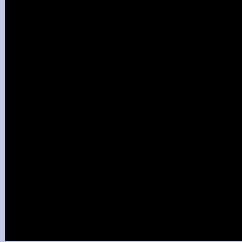
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.7940, -13.6190, 10.0370

Background



This preview shows how black text looks on a background with the YIQ color 202.7940, -13.6190, 10.0370.



This preview shows how white text looks on a background with the YIQ color 202.7940, -13.6190,

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

202.7940, -13.6190, 10.0370

Protanopia

202.4950, -14.2150, 9.8250

Deuteranopia

203.8380, -7.7510, 13.8250



Tritanopia

201.8340, -11.0960, 2.8560

Trichromacy



Original Color

202.7940, -13.6190, 10.0370

Protanomaly

202.4950, -14.2150, 9.8250

Deuteranomaly

203.5280, -9.8140, 12.6660

Tritanomaly

202.2300, -12.1510, 5.4570

Monochromacy



Original Color

202.7940, -13.6190, 10.0370

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.8840, -5.3650, 3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7940, -13.6190, 10.0370 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(196, 200, 235)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 235)  
}
```

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(196, 200, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 235) }
```

Border

The CSS property to change the border of an element to YIQ 202.7940, -13.6190, 10.0370 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(196, 200, 235) }
```


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

```
.border{ border-color:rgb(196, 200, 235) }
```

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

Here you see how a box with a 4 pixel rgb(196, 200, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 235);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7940, -13.6190, 10.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 235) }
```

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

```
.background{ background-color: rgb(196,  
200, 235) }
```

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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