

Converting Colors

YIQ(202.7620, -10.5930,
10.2630)

Have a look what the booklet for
YIQ(202.7620, -10.5930, 10.2630)
contains.

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Color

**YIQ(202.7620, -10.5930,
10.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C7E8
RGB	199, 199, 232
RGB Percent	78%, 78%, 91%
CMY	0.2196, 0.2196, 0.0903
CMYK	0.14, 0.14, 0.00, 0.09
HSL	240°, 42%, 85%
HSV	240°, 14%, 91%
XYZ	58.5411, 58.8149, 84.5981
YIQ	202.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

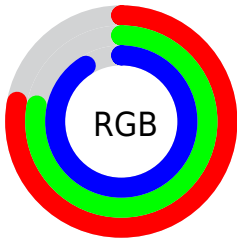
Format	Color
R_{YB}	199, 199, 232
Decimal	13092840
CIE _{Lab}	81.19, 6.49, -16.30
CIE _{LCh}	81, 17.541, 291.721
Yxy	58.8149, 0.2899, 0.2912
Android (android.graphics.Color)	4291282920 (0xFFC7C7E8)
YUV	202.7620, 14.4143, -3.2993
Hunter-Lab	76.6909, 2.0467, -11.7194

Details

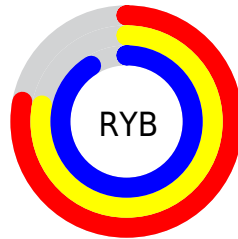
The YIQ color $202.7620, -10.5930, 10.2630$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $228.2380, 10.5930, -10.2630$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $148.5340, -9.9510, 9.6410$ is the 20% darker color. If you saturate the color by 10%, you get $182.3840, -17.9760, 17.4160$, and if you desaturate by 10%, it is $223.1400, -3.2100, 3.1100$.

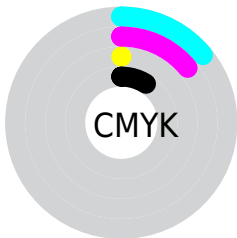
Distribution



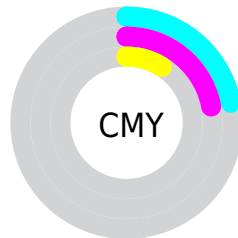
- Red (78%)
- Green (78%)
- Blue (91%)



- Red (78%)
- Yellow (78%)
- Blue (91%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.7620, -10.5930, 10.2630 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 202.7620, -10.5930, 10.2630 by changing the saturation by 10% instead.

■ 202.7620,
-10.5930, 10.2630

■ 202.7620,
-10.5930, 10.2630

255.0000, -0.0000,
-0.0000

■ 175.6480,
-10.2720, 9.9520

■ 148.5340, -9.9510,
9.6410

■ 123.1210,
-10.2260, 9.1180

■ 98.0070, -9.9050,
8.8070

■ 73.8930, -9.5840,
8.4960

■ 51.3660, -9.5380,
7.6620

■ 29.8390, -9.4920,

6.8280

■ 4.7190, -9.0340,
9.5420

■ 0.3420, -0.9630,
0.9330

■ 202.7620,
-10.5930, 10.2630

■ 202.7620,
-10.5930, 10.2630

■ 182.3840,
-17.9760, 17.4160

■ 223.1400, -3.2100,
3.1100

■ 162.0060,
-25.3590, 24.5690

■ 243.5180, 4.1730,
-4.0430

■ 140.7420,
-33.0630, 32.0330

■ 252.3780, 7.3830,
-7.1530

■ 120.3640,
-40.4460, 39.1860

■ 99.9860, -47.8290,
46.3390

■ 79.6080, -55.2120,
53.4920

■ 59.2300, -62.5950,
60.6450

■ 37.9660, -70.2990,
68.1090

■ 26.4480, -74.4720,
72.1520

Harmonies

Analogous

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



199.6460, -25.1260, 3.8180



202.7620, -10.5930, 10.2630



204.6670, 5.9120, 14.0080

Triad

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



202.7620, -10.5930, 10.2630



203.4240, 28.1050, 2.7690



196.1340, -21.4090, -13.9930

Complementary

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



202.7620, -10.5930, 10.2630



228.2380, 10.5930, -10.2630

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.



198.0340, -6.5080, -14.2200



202.7620, -10.5930, 10.2630



201.5600, 21.5500, -5.0900

Square

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



202.7620, -10.5930, 10.2630



204.6400, 27.7370, 9.4410



199.6400, 9.4010, -10.6870



195.6800, -31.6340, -10.4020

Rectangle

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



202.7620, -10.5930, 10.2630



204.7560, 15.9070, 14.5870



199.6400, 9.4010, -10.6870



196.4720, -16.5490, -13.9650

Sweetspot

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



202.7620, -10.5930, 10.2630



246.1400, -3.2100, 3.1100



222.1330, -19.6680, -6.9960



121.7980, -2.2470, 2.1770



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.



202.7620, -10.5930, 10.2630



216.9020, -13.8030, 13.3730



207.5460, -1.0570, 13.6550



104.3680, -3.8520, 3.7320



20.4060, -57.4590, 55.6690



5.8140, -16.3710, 15.8610

Inverse Universe

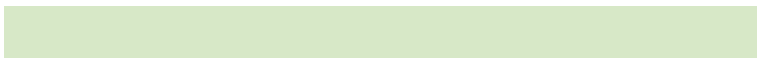
The Inverse Universe completely reimagines the original color for something new.



212.6290, 9.0750, 17.2590



229.7590, 11.8250, 22.4890



223.1550, 0.4610, -13.8670



107.9560, 3.3000, 6.2760



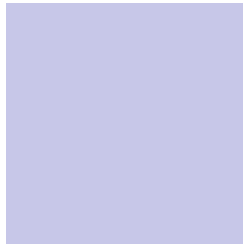
73.8130, 49.5460, 93.3060



21.0630, 14.0250, 26.6730

Previews

White Background



This preview shows how the YIQ color 202.7620, -10.5930, 10.2630 looks on a white background.

Color Contrast Check

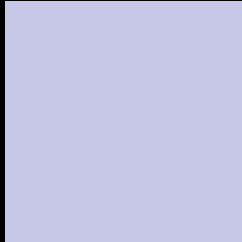
Large Text (above 18pt) WCAG AA × Fail

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 202.7620, -10.5930, 10.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

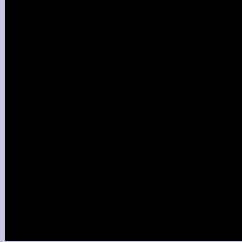
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.7620, -10.5930, 10.2630

Background



This preview shows how black text looks on a background with the YIQ color 202.7620, -10.5930, 10.2630.



This preview shows how white text looks on a background with the YIQ color 202.7620, -10.5930,

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

202.7620, -10.5930, 10.2630

Protanopia

202.5660, -12.9770, 9.4150

Deuteranopia

203.6810, -5.8710, 12.7930



Tritanopia

201.3290, -8.1160, 3.9160

Trichromacy



Original Color

202.7620, -10.5930, 10.2630

Protanomaly

202.8650, -12.3810, 9.6270

Deuteranomaly

203.3710, -7.9340, 11.6340

Tritanomaly

201.6110, -8.8500, 6.2060

Monochromacy



Original Color

202.7620, -10.5930, 10.2630

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.3680, -3.8520, 3.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7620, -10.5930, 10.2630 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(199, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 232)  
}
```

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(199, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 232) }
```

Border

The CSS property to change the border of an element to YIQ 202.7620, -10.5930, 10.2630 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(199, 199, 232) }
```


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

```
.border{ border-color:rgb(199, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 199, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 199, 232); box-shadow:4px 4px 4px 4px rgb(199, 199, 232) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7620, -10.5930, 10.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 232) }
```

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

```
.background{ background-color: rgb(199,  
199, 232) }
```

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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