

Converting Colors

YIQ(203.3020, -20.6810,
16.8790)

Have a look what the booklet for
YIQ(203.3020, -20.6810, 16.8790)
contains.

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Color

**YIQ(203.3020, -20.6810,
16.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C6FF
RGB	194, 198, 255
RGB Percent	76%, 78%, 100%
CMY	0.2392, 0.2235, 0.0001
CMYK	0.24, 0.22, 0.00, 0.00
HSL	236°, 100%, 88%
HSV	236°, 24%, 100%
XYZ	60.4892, 59.0771, 102.7955
YIQ	203.3020, -20.6810, 16.8790

Conversions

Conversions Part 2

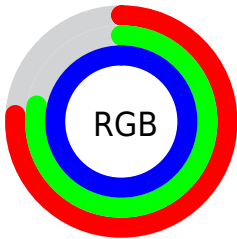
Format	Color
RYB	194, 198, 255
Decimal	12764927
CIELab	81.33, 10.54, -28.38
CIELCh	81, 30.277, 290.367
Yxy	59.0771, 0.2720, 0.2657
Android (android.graphics.Color)	4290955007 (0xFFC2C6FF)
YUV	203.3020, 25.4871, -8.1579
Hunter-Lab	76.8617, 5.9693, -25.4918

Details

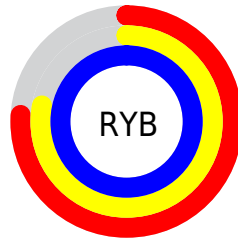
The YIQ color $203.3020, -20.6810, 16.8790$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.6980, 20.6810, -16.8790$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $148.6610, -20.3140, 15.7340$ is the 20% darker color. If you saturate the color by 10%, you get $181.7390, -28.9810, 24.1310$, and if you desaturate by 10%, it is $225.1640, -11.7850, 9.8390$.

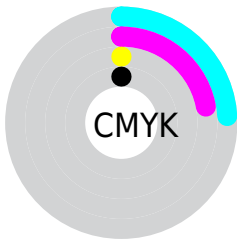
Distribution



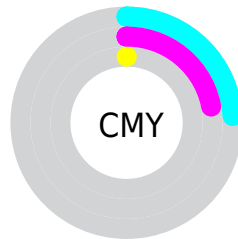
- Red (76%)
- Green (78%)
- Blue (100%)



- Red (76%)
- Yellow (78%)
- Blue (100%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.3020, -20.6810, 16.8790 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 203.3020, -20.6810, 16.8790 by changing the saturation by 10% instead.

■ 203.3020,
-20.6810, 16.8790

■ 203.3020,
-20.6810, 16.8790

■ 255.0000, -0.0000,
-0.0000

■ 175.7750,
-20.6350, 16.0450

■ 253.8040, -2.3840,
-0.8480

■ 148.6610,
-20.3140, 15.7340

■ 123.1340,
-20.2680, 14.9000

■ 97.6070, -20.2220,
14.0660

■ 73.6670, -20.4510,
12.7090

■ 49.8410, -21.0010,
11.6630

■ 26.9930, -24.4850,

8.7230

■ 5.3580, -15.0870,
14.6170

■ 3.4370, -8.3000,
7.2520

■ 203.3020,
-20.6810, 16.8790

■ 203.3020,
-20.6810, 16.8790

■ 181.7390,
-28.9810, 24.1310

■ 225.1640,
-11.7850, 9.8390

■ 159.8770,
-37.8770, 31.1710

■ 246.7270, -3.4850,
2.5870

■ 138.9010,
-46.4520, 37.9000

255.0000, -0.0000,
-0.0000

■ 117.0390,
-55.3480, 44.9400

■ 95.4760, -63.6480,
52.1920

■ 73.6140, -72.5440,
59.2320

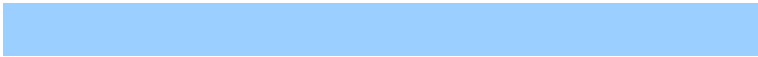
■ 52.0510, -80.8440,
66.4840

■ 39.0490, -86.5300,
70.4140

Harmonies

Analogous

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



196.6250, -46.9960, 3.6920



203.3020, -20.6810, 16.8790



205.9590, 8.3860, 24.2420

Triad

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



203.3020, -20.6810, 16.8790



203.9440, 47.1320, 4.8600



190.8280, -38.4630, -24.3110

Complementary

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



203.3020, -20.6810, 16.8790



245.6980, 20.6810, -16.8790

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.



194.6710, -10.2200, -24.0440



203.3020, -20.6810, 16.8790



201.4660, 36.3140, -8.3420

Square

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



203.3020, -20.6810, 16.8790



204.0550, 42.8660, 16.0980



198.3060, 15.9130, -18.5750



188.4420, -60.5630, -20.2670

Rectangle

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



203.3020, -20.6810, 16.8790



206.8700, 24.7540, 24.9620



198.3060, 15.9130, -18.5750



192.0910, -29.0180, -24.7780

Sweetspot

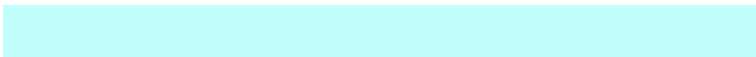
The Sweet Spot groups the original color and five complimentary colors.



203.3020, -20.6810, 16.8790



239.6390, -6.0530, 5.0750



236.3050, -35.0720, -14.1760



118.8410, -3.8060, 2.8980



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.



203.3020, -20.6810, 16.8790



192.3710, -25.1290, 20.3990



208.7280, -4.0850, 24.4830



117.0690, -4.4480, 3.5200



29.4050, -64.8860, 52.6020



9.6440, -21.6440, 17.8120

Inverse Universe

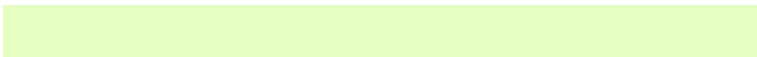
The Inverse Universe completely reimagines the original color for something new.



212.6950, 35.0720, 14.1760



203.6960, 42.4990, 17.2430



240.2720, 4.0850, -24.4830



119.0010, 7.4270, 3.0670



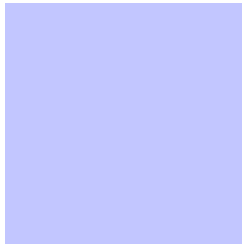
58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 203.3020, -20.6810, 16.8790 looks on a white background.

Color Contrast Check

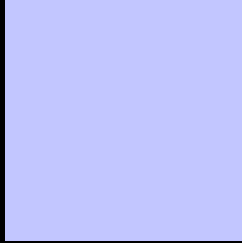
Large Text (above 18pt) WCAG AA × Fail

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 203.3020, -20.6810, 16.8790 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 203.3020, -20.6810, 16.8790

Background



This preview shows how black text looks on a background with the YIQ color 203.3020, -20.6810, 16.8790.



This preview shows how white text looks on a background with the YIQ color 203.3020, -20.6810,

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

203.3020, -20.6810, 16.8790

Protanopia

202.6820, -24.8070, 14.5610

Deuteranopia

203.3020, -20.6810, 16.8790



Tritanopia

200.7410, -15.2680, 1.3720

Trichromacy



Original Color

203.3020, -20.6810, 16.8790

Protanomaly

202.6930, -23.3400, 15.5080

Deuteranomaly

203.3020, -20.6810, 16.8790

Tritanomaly

201.9460, -17.1030, 7.0970

Monochromacy



Original Color

203.3020, -20.6810, 16.8790

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0950, -7.3370, 6.3190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.3020, -20.6810, 16.8790 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(194, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 255)  
}
```

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(194, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 255) }
```

Border

The CSS property to change the border of an element to YIQ 203.3020, -20.6810, 16.8790 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(194, 198, 255) }
```


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

```
.border{ border-color:rgb(194, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 203.3020, -20.6810, 16.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 255) }
```

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

```
.background{ background-color: rgb(194,  
198, 255) }
```

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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