

Converting Colors

YIQ(204.7200, -27.9700,
11.3100)

Have a look what the booklet for
YIQ(204.7200, -27.9700, 11.3100)
contains.

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Color

**YIQ(204.7200, -27.9700,
11.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CDFF
RGB	185, 205, 255
RGB Percent	73%, 80%, 100%
CMY	0.2745, 0.1960, 0.0001
CMYK	0.27, 0.20, 0.00, 0.00
HSL	223°, 100%, 86%
HSV	223°, 27%, 100%
XYZ	59.8838, 61.1980, 103.2317
YIQ	204.7200, -27.9700, 11.3100

Conversions

Conversions Part 2

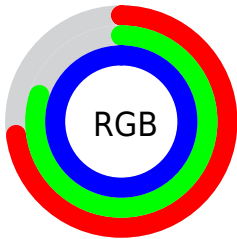
Format	Color
R_{YB}	185, 201, 255
Decimal	12176895
CIE _{Lab}	82.49, 4.14, -26.68
CIE _{LCh}	82, 26.995, 278.814
Yxy	61.1980, 0.2670, 0.2728
Android (android.graphics.Color)	4290366975 (0xFFB9CDFF)
YUV	204.7200, 24.7880, -17.2944
Hunter-Lab	78.2292, -0.2608, -23.4790

Details

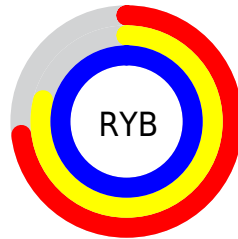
The YIQ color $204.7200, -27.9700, 11.3100$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.2800, 27.9700, -11.3100$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $150.0790, -27.6030, 10.1650$ is the 20% darker color. If you saturate the color by 10%, you get $186.6790, -37.9200, 15.4240$, and if you desaturate by 10%, it is $222.7610, -18.0200, 7.1960$.

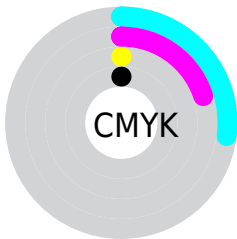
Distribution



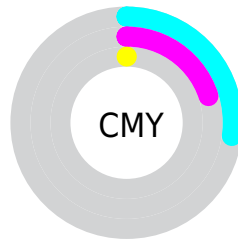
- Red (73%)
- Green (80%)
- Blue (100%)



- Red (73%)
- Yellow (79%)
- Blue (100%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7200, -27.9700, 11.3100 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 204.7200, -27.9700, 11.3100 by changing the saturation by 10% instead.

■ 204.7200,
-27.9700, 11.3100

■ 204.7200,
-27.9700, 11.3100

■ 255.0000, -0.0000,
-0.0000

■ 177.1930,
-27.9240, 10.4760

■ 251.1130, -7.7480,
-2.7560

■ 150.0790,
-27.6030, 10.1650

■ 123.9650,
-27.2820, 9.8540

■ 98.4380, -27.2360,
9.0200

■ 73.9110, -27.1900,
8.1860

■ 50.0740, -29.2070,
6.1930

■ 27.3510, -31.5450,

4.5110

■ 10.6410, -17.5620,
9.9100

■ 3.5510, -8.6210,
7.5630

■ 204.7200,
-27.9700, 11.3100

■ 204.7200,
-27.9700, 11.3100

■ 186.6790,
-37.9200, 15.4240

■ 222.7610,
-18.0200, 7.1960

■ 168.3390,
-48.4660, 19.3260

■ 241.1010, -7.4740,
3.2940

■ 149.7110,
-58.1410, 23.9630

255.0000, -0.0000,
-0.0000

■ 131.3710,
-68.6870, 27.8650

■ 113.3300,
-78.6370, 31.9790

■ 94.9900, -89.1830,
35.8810

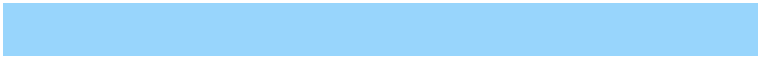
■ 76.9490, -99.1330,
39.9950

■ 71.9210,
-101.9300, 41.1260

Harmonies

Analogous

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



199.2070, -48.8750, -0.8030



204.7200, -27.9700, 11.3100



208.4630, -2.0210, 20.1150

Triad

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



204.7200, -27.9700, 11.3100



207.7250, 43.5550, 9.1150



197.0100, -24.2960, -22.2480

Complementary

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



204.7200, -27.9700, 11.3100



235.2800, 27.9700, -11.3100

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.



200.0530, 0.5080, -20.2280



204.7200, -27.9700, 11.3100



206.1120, 37.5510, -3.2250

Square

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



204.7200, -27.9700, 11.3100



208.7000, 36.6760, 18.1480



203.4750, 22.9270, -13.5290



194.5700, -46.3040, -19.8720

Rectangle

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



204.7200, -27.9700, 11.3100



209.4280, 14.2550, 22.5030



203.4750, 22.9270, -13.5290



198.2020, -16.0890, -22.3050

Sweetspot

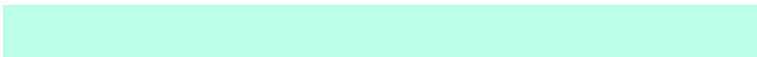
The Sweet Spot groups the original color and five complimentary colors.



204.7200, -27.9700, 11.3100



240.2150, -7.7950, 3.6050



231.6760, -34.9790, -21.3710



118.2430, -4.9980, 2.4740



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.



204.7200, -27.9700, 11.3100



194.6640, -33.5640, 13.5720



197.1660, -14.1260, 24.7380



118.2430, -4.9980, 2.4740



54.0590, -76.4360, 30.6360



17.8620, -25.4940, 10.4900

Inverse Universe

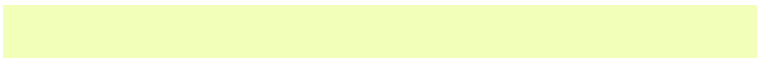
The Inverse Universe completely reimagines the original color for something new.



208.2100, 35.3000, 21.0600



198.8520, 42.3600, 25.2720



242.8340, 14.1260, -24.7380



119.2290, 6.7850, 3.6890



63.3790, 96.1810, 57.5970



21.1880, 32.3660, 19.1660

Previews

White Background



This preview shows how the YIQ color 204.7200, -27.9700, 11.3100 looks on a white background.

Color Contrast Check

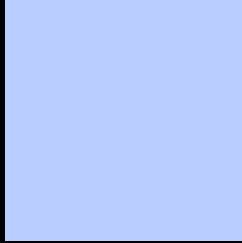
Large Text (above 18pt) WCAG AA × Fail

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 204.7200, -27.9700, 11.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

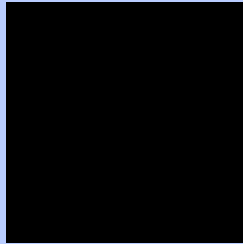
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

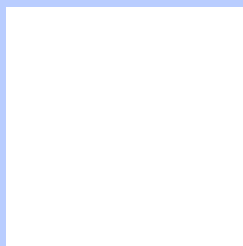
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.7200, -27.9700, 11.3100

Background



This preview shows how black text looks on a background with the YIQ color 204.7200, -27.9700, 11.3100.



This preview shows how white text looks on a background with the YIQ color 204.7200, -27.9700,

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

204.7200, -27.9700, 11.3100

Protanopia

205.7100, -22.0100, 13.4300

Deuteranopia

206.5580, -18.5260, 16.3700



Tritanopia

202.6690, -23.9330, -1.2850

Trichromacy



Original Color

204.7200, -27.9700, 11.3100

Protanomaly

205.5140, -24.3940, 12.5820

Deuteranomaly

205.6500, -21.7810, 14.7870

Tritanomaly

203.2330, -25.4010, 3.2950

Monochromacy



Original Color

204.7200, -27.9700, 11.3100

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.9590, -9.9500, 4.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7200, -27.9700, 11.3100 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(185, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 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(185, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 255) }
```

Border

The CSS property to change the border of an element to YIQ 204.7200, -27.9700, 11.3100 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(185, 205, 255) }
```


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

```
.border{ border-color:rgb(185, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7200, -27.9700, 11.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 255) }
```

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

```
.background{ background-color: rgb(185,  
205, 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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