

Converting Colors

YIQ(217.8200, -25.6760, 2.7720)

Have a look what the booklet for
YIQ(217.8200, -25.6760, 2.7720)
contains.

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Color

**YIQ(217.8200, -25.6760,
2.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DFFB
RGB	195, 223, 251
RGB Percent	76%, 87%, 98%
CMY	0.2353, 0.1254, 0.0158
CMYK	0.22, 0.11, 0.00, 0.02
HSL	210°, 87%, 87%
HSV	210°, 22%, 98%
XYZ	66.3009, 71.3452, 101.5173
YIQ	217.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

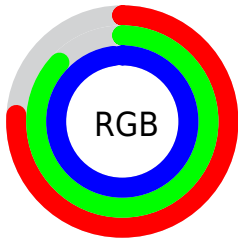
Format	Color
R _Y B	195, 214, 251
Decimal	12836859
CIE Lab	87.65, -3.34, -16.67
CIE LCh	88, 17.005, 258.665
Yxy	71.3452, 0.2772, 0.2983
Android (android.graphics.Color)	4291026939 (0xFFC3DFFB)
YUV	217.8200, 16.3577, -20.0131
Hunter-Lab	84.4661, -7.7036, -12.1327

Details

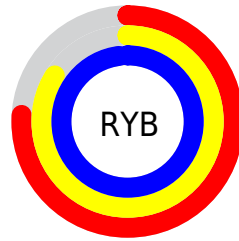
The YIQ color $217.8200, -25.6760, 2.7720$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.1800, 25.6760, -2.7720$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, -1.7880, -0.6360$, and $162.5920, -25.0340, 2.1500$ is the 20% darker color. If you saturate the color by 10%, you get $202.7140, -37.0010, 4.2710$, and if you desaturate by 10%, it is $232.9260, -14.3510, 1.2730$.

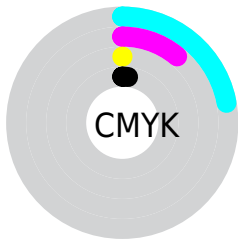
Distribution



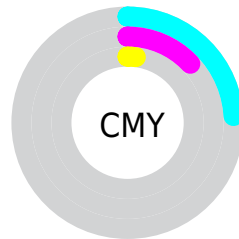
- Red (76%)
- Green (87%)
- Blue (98%)



- Red (76%)
- Yellow (84%)
- Blue (98%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8200, -25.6760, 2.7720 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 217.8200, -25.6760, 2.7720 by changing the saturation by 10% instead.

■ 217.8200,
-25.6760, 2.7720

■ 217.8200,
-25.6760, 2.7720

■ 255.0000, -0.0000,
-0.0000

■ 189.7060,
-25.3550, 2.4610

■ 254.1030, -1.7880,
-0.6360

■ 162.5920,
-25.0340, 2.1500

■ 136.4780,
-24.7130, 1.8390

■ 110.7770,
-24.1170, 2.0510

■ 85.6630, -23.7960,
1.7400

■ 62.2500, -24.0710,
1.2170

■ 38.8260, -25.8130,

-0.2530

■ 19.8050, -21.3200,
0.9200

■ 3.3230, -7.9790,
6.9410

■ 217.8200,
-25.6760, 2.7720

■ 217.8200,
-25.6760, 2.7720

■ 202.7140,
-37.0010, 4.2710

■ 232.9260,
-14.3510, 1.2730

■ 188.1950,
-48.6010, 5.2470

■ 247.4450, -2.7510,
0.2970

■ 173.0890,
-59.9260, 6.7460

■ 254.5440, 1.2840,
-1.2440

■ 158.5700,
-71.5260, 7.7220

■ 143.4640,
-82.8510, 9.2210

■ 128.6460,
-95.0470, 9.9850

■ 113.5400,
-106.3720, 11.4840

■ 102.5760,
-115.2210, 12.1630

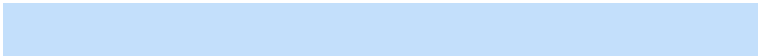
Harmonies

Analogous

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



215.0700, -32.5520, -4.7760



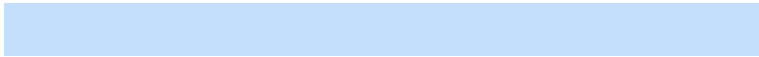
217.8200, -25.6760, 2.7720



220.7510, -12.0600, 9.3160

Triad

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



217.8200, -25.6760, 2.7720



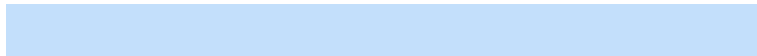
222.5690, 26.4990, 9.8510



215.9310, -4.7200, -13.5840

Complementary

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



217.8200, -25.6760, 2.7720



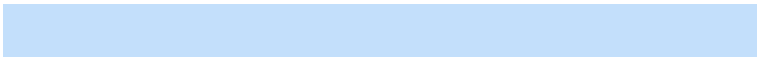
228.1800, 25.6760, -2.7720

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.



218.2380, 10.5930, -10.2630



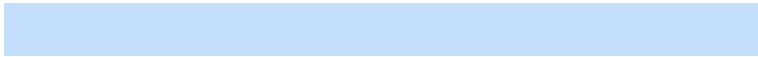
217.8200, -25.6760, 2.7720



221.8370, 28.3800, 3.2920

Square

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



217.8200, -25.6760, 2.7720



223.0120, 18.0620, 14.0780



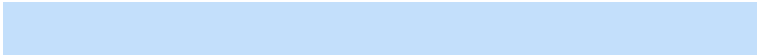
220.2720, 22.4210, -4.3550



214.6180, -19.8960, -13.8800

Rectangle

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



217.8200, -25.6760, 2.7720



222.0190, -1.0110, 12.8210



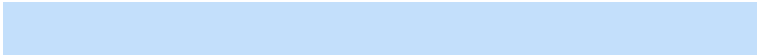
220.2720, 22.4210, -4.3550



216.6820, 0.4150, -13.0330

Sweetspot

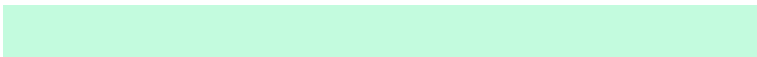
The Sweet Spot groups the original color and five complimentary colors.



217.8200, -25.6760, 2.7720



244.3350, -8.2530, 0.8910



230.9500, -24.0670, -20.8910



121.1890, -4.9060, 0.8060



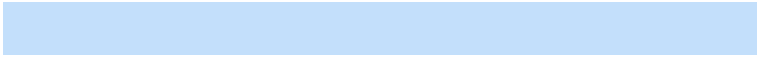
0.0000, 0.0000, 0.0000



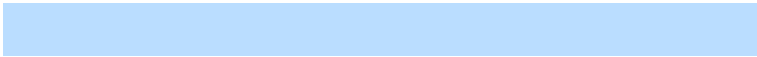
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.8200, -25.6760, 2.7720



214.4110, -31.7740, 3.1540



201.9710, -18.2510, 16.8930



117.5910, -6.0980, 0.3820



76.7240, -86.5190, 9.6170



25.1510, -28.1060, 2.7580

Inverse Universe

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



214.9360, 24.3880, 20.5800



210.6210, 29.8890, 25.5130



244.0290, 18.2510, -16.8930



116.6850, 5.5010, 4.9330



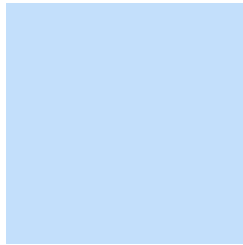
67.2270, 82.4700, 69.3020



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 217.8200, -25.6760, 2.7720 looks on a white background.

Color Contrast Check

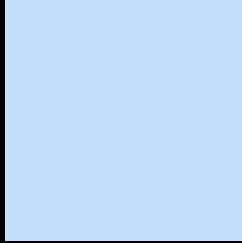
Large Text (above 18pt) WCAG AA × Fail

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 217.8200, -25.6760, 2.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

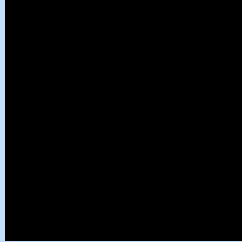
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

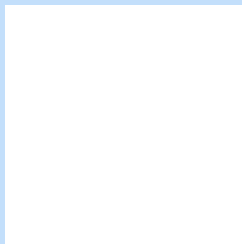
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.8200, -25.6760, 2.7720

Background



This preview shows how black text looks on a background with the YIQ color 217.8200, -25.6760, 2.7720.



This preview shows how white text looks on a background with the YIQ color 217.8200, -25.6760,

2.7720.

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

217.8200, -25.6760, 2.7720

Protanopia

220.5230, -11.4180, 8.6940

Deuteranopia

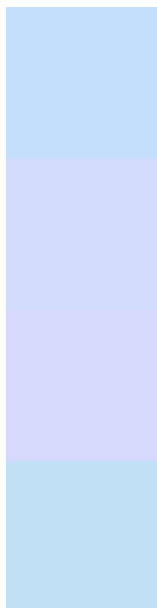
221.7350, -5.9630, 14.4610



Tritanopia

216.7830, -24.2540, -0.9740

Trichromacy



Original Color

217.8200, -25.6760, 2.7720

Protanomaly

219.7180, -16.4610, 6.4750

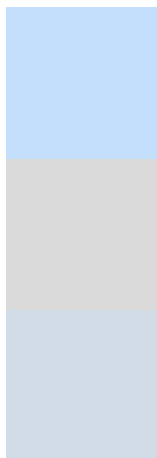
Deuteranomaly

220.0930, -13.0230, 10.2490

Tritanomaly

217.4240, -24.6210, 0.1710

Monochromacy



Original Color

217.8200, -25.6760, 2.7720

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1500, -9.1700, 0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8200, -25.6760, 2.7720 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(195, 223, 251)` looks like.

```
.text, #text, p{  
    color:rgb(195, 223, 251)  
}
```

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(195, 223, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 223, 251) }
```

Border

The CSS property to change the border of an element to YIQ 217.8200, -25.6760, 2.7720 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(195, 223, 251) }
```


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

```
.border{ border-color:rgb(195, 223, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 223, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 223, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 223, 251);  
box-shadow:4px 4px 4px 4px rgb(195, 223,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8200, -25.6760, 2.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 223, 251) }
```

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

```
.background{ background-color: rgb(195,  
223, 251) }
```

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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