

Converting Colors

YIQ(223.5500, -25.2160,
-5.5680)

Have a look what the booklet for
YIQ(223.5500, -25.2160, -5.5680)
contains.

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Color

**YIQ(223.5500, -25.2160,
-5.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EAF2
RGB	196, 234, 242
RGB Percent	77%, 92%, 95%
CMY	0.2314, 0.0823, 0.0511
CMYK	0.19, 0.03, 0.00, 0.05
HSL	190°, 64%, 86%
HSV	190°, 19%, 95%
XYZ	68.2096, 76.9968, 95.2499
YIQ	223.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

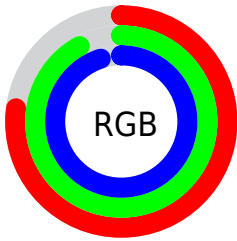
Format	Color
R _{YB}	196, 217, 242
Decimal	12905202
CIE _{Lab}	90.32, -10.63, -7.97
CIE _{LCh}	90, 13.281, 216.863
Y _{xy}	76.9968, 0.2837, 0.3202
Android (android.graphics.Color)	4291095282 (0xFFC4EAF2)
Y _{UV}	223.5500, 9.0959, -24.1613
Hunter-Lab	87.7478, -14.8040, -2.9356

Details

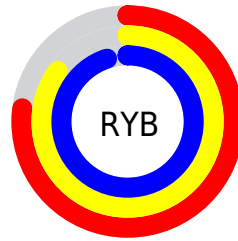
The YIQ color $223.5500, -25.2160, -5.5680$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.4500, 25.2160, 5.5680$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $168.1480, -24.0240, -5.1440$ is the 20% darker color. If you saturate the color by 10%, you get $214.0260, -38.4200, -8.5640$, and if you desaturate by 10%, it is $233.0740, -12.0120, -2.5720$.

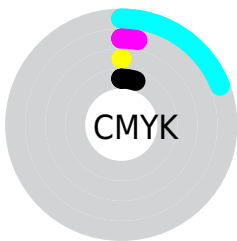
Distribution



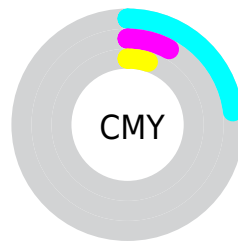
- Red (77%)
- Green (92%)
- Blue (95%)



- Red (77%)
- Yellow (85%)
- Blue (95%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (23%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.5500, -25.2160, -5.5680 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 223.5500, -25.2160, -5.5680 by changing the saturation by 10% instead.

■ 223.5500,
-25.2160, -5.5680

■ 223.5500,
-25.2160, -5.5680

■ 255.0000, -0.0000,
-0.0000

■ 195.5500,
-25.2160, -5.5680

■ 254.4020, -1.1920,
-0.4240

■ 168.1480,
-24.0240, -5.1440

■ 141.7350,
-24.2990, -5.6670

■ 116.0340,
-23.7030, -5.4550

■ 91.0340, -23.7030,
-5.4550

■ 66.9200, -23.3820,
-5.7660

■ 43.6210, -23.9780,

-5.9780

■ 23.2300, -21.3190,
-4.6070

■ 3.8130, -6.6030,
4.0290

■ 223.5500,
-25.2160, -5.5680

■ 223.5500,
-25.2160, -5.5680

■ 214.0260,
-38.4200, -8.5640

■ 233.0740,
-12.0120, -2.5720

■ 204.5020,
-51.6240, -11.5600

■ 242.5980, 1.1920,
0.4240

■ 194.0920,
-65.1490, -14.2450

■ 248.8220, 6.3730,
0.1410

■ 184.5680,
-78.3530, -17.2410

■ 251.1700, 5.2730,
-1.9510

■ 175.0440,
-91.5570, -20.2370

■ 253.5180, 4.1730,
-4.0430

■ 165.5200,
-104.7610, -23.2330

■ 155.9960,
-117.9650, -26.2290

■ 146.1730,
-131.7650, -29.4370

■ 144.9880,
-132.6820, -29.3380

Harmonies

Analogous

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



223.0680, -21.0430, -9.6110



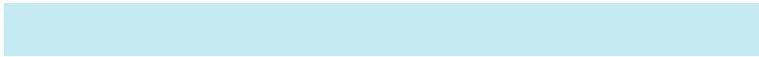
223.5500, -25.2160, -5.5680



225.0930, -22.1910, 0.1850

Triad

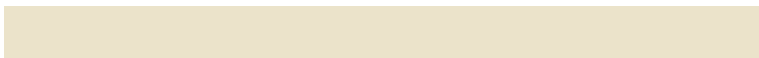
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.5500, -25.2160, -5.5680



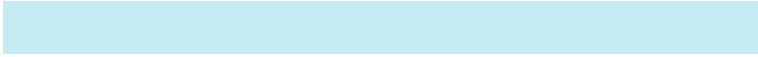
230.1250, 10.3140, 11.3220



226.5420, 12.7930, -6.0790

Complementary

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



223.5500, -25.2160, -5.5680



214.4500, 25.2160, 5.5680

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.



228.0100, 20.4030, -0.8210



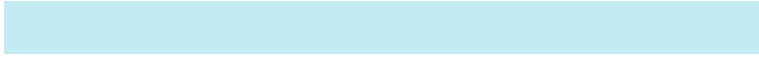
223.5500, -25.2160, -5.5680



230.1490, 18.9340, 9.2860

Square

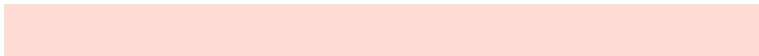
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.5500, -25.2160, -5.5680



229.1390, -1.4690, 10.1070



229.3680, 22.5110, 5.0310



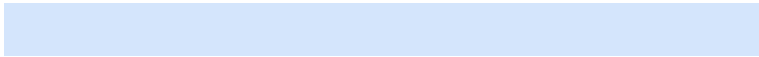
224.9750, 1.1480, -9.7960

Rectangle

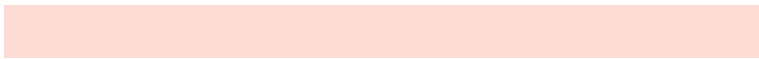
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.5500, -25.2160, -5.5680



226.5390, -17.5150, 3.5490



229.3680, 22.5110, 5.0310



227.1510, 15.4520, -4.7080

Sweetspot

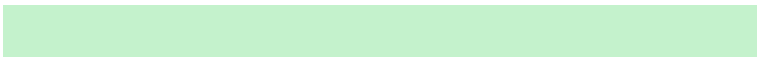
The Sweet Spot groups the original color and five complimentary colors.



223.5500, -25.2160, -5.5680



248.7540, -8.1150, -1.6110



223.9140, -15.2180, -21.5700



124.1350, -4.8140, -0.8620



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.



223.5500, -25.2160, -5.5680



231.4890, -32.4140, -7.2780



210.0490, -18.8910, 6.4610



115.2380, -6.6020, -1.4980



110.2000, -100.8640, -22.2720



33.3860, -30.6260, -6.6420

Inverse Universe

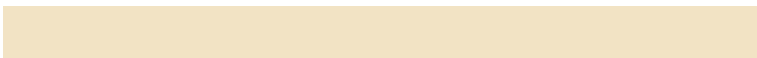
The Inverse Universe completely reimagines the original color for something new.



214.0860, 15.2180, 21.5700



219.2270, 19.4350, 27.7470



227.9510, 18.8910, -6.4610



112.7280, 3.9420, 5.6540



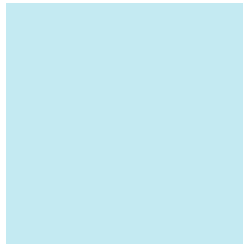
72.3440, 60.8720, 86.2800



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 223.5500, -25.2160, -5.5680 looks on a white background.

Color Contrast Check

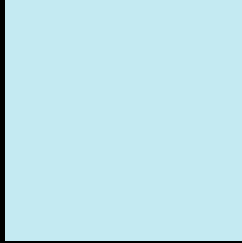
Large Text (above 18pt) WCAG AA × Fail

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 223.5500, -25.2160, -5.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

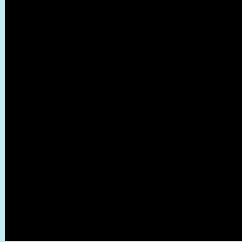
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.5500, -25.2160, -5.5680

Background



This preview shows how black text looks on a background with the YIQ color 223.5500, -25.2160, -5.5680.



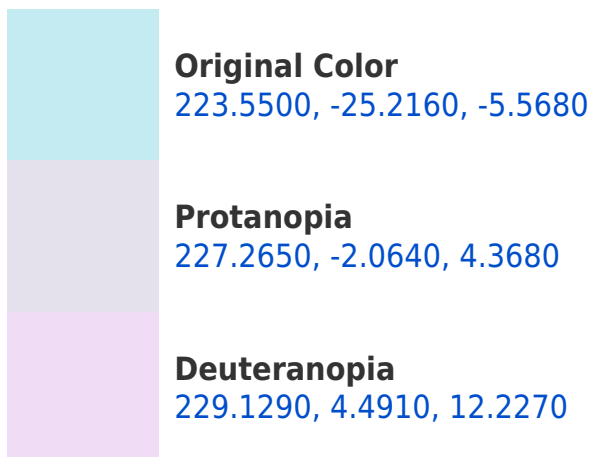
This preview shows how white text looks on a background with the YIQ color 223.5500, -25.2160, -5.5680.

-5.5680.

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

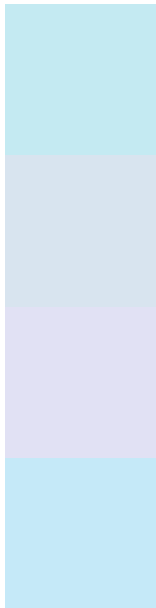




Tritanopia

224.5870, -26.6380, -1.8220

Trichromacy



Original Color

223.5500, -25.2160, -5.5680

Protanomaly

225.6660, -10.6830, 0.8770

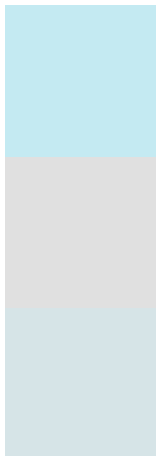
Deuteranomaly

227.1660, -6.0990, 5.9090

Tritanomaly

223.9460, -26.2710, -2.9670

Monochromacy



Original Color

223.5500, -25.2160, -5.5680

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.1560, -9.3070, -2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.5500, -25.2160, -5.5680 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, 234, 242)` looks like.

```
.text, #text, p{  
    color:rgb(196, 234, 242)  
}
```

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, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 234, 242) }
```

Border

The CSS property to change the border of an element to YIQ 223.5500, -25.2160, -5.5680 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, 234, 242) }
```


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

```
.border{ border-color:rgb(196, 234, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 234, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(196, 234,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 223.5500, -25.2160, -5.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 234, 242) }
```

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

```
.background{ background-color: rgb(196,  
234, 242) }
```

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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