

Converting Colors

YIQ(220.7450, -30.2590,
-7.7870)

Have a look what the booklet for
YIQ(220.7450, -30.2590, -7.7870)
contains.

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Color

**YIQ(220.7450, -30.2590,
-7.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEAF1
RGB	187, 234, 241
RGB Percent	73%, 92%, 95%
CMY	0.2668, 0.0823, 0.0550
CMYK	0.22, 0.03, 0.00, 0.06
HSL	188°, 66%, 84%
HSV	188°, 22%, 94%
XYZ	65.7877, 75.7672, 94.3512
YIQ	220.7450, -30.2590, -7.7870

Conversions

Conversions Part 2

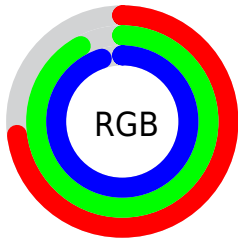
Format	Color
R_{YB}	187, 212, 241
Decimal	12315377
CIE _{Lab}	89.75, -13.54, -8.34
CIE _{LCh}	90, 15.901, 211.654
Yxy	75.7672, 0.2789, 0.3212
Android (android.graphics.Color)	4290505457 (0xFFBBEAF1)
YUV	220.7450, 9.9857, -29.5944
Hunter-Lab	87.0444, -17.4183, -3.3360

Details

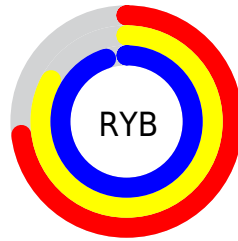
The YIQ color **220.7450, -30.2590, -7.7870** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **207.2550, 30.2590, 7.7870**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, -6.5560, -2.3320**, and **165.3430, -29.0670, -7.3630** is the 20% darker color. If you saturate the color by 10%, you get **211.8080, -43.7380, -11.3060**, and if you desaturate by 10%, it is **229.6820, -16.7800, -4.2680**.

Distribution



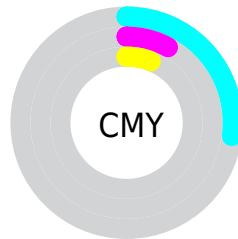
- Red (73%)
- Green (92%)
- Blue (95%)



- Red (73%)
- Yellow (83%)
- Blue (95%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.7450, -30.2590, -7.7870 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 220.7450, -30.2590, -7.7870 by changing the saturation by 10% instead.

■ 220.7450,
-30.2590, -7.7870

■ 220.7450,
-30.2590, -7.7870

255.0000, -0.0000,
-0.0000

■ 192.7450,
-30.2590, -7.7870

■ 251.7110, -6.5560,
-2.3320

■ 165.3430,
-29.0670, -7.3630

■ 138.3430,
-29.0670, -7.3630

■ 113.2290,
-28.7460, -7.6740

■ 87.6420, -28.4710,
-7.1510

■ 63.0440, -29.6630,
-7.5750

■ 38.8370, -33.5140,

-9.3700

■ 23.1160, -20.9980,
-4.9180

■ 2.6390, -6.0530,
5.0750

■ 220.7450,
-30.2590, -7.7870

■ 220.7450,
-30.2590, -7.7870

■ 211.8080,
-43.7380, -11.3060

■ 229.6820,
-16.7800, -4.2680

■ 202.8710,
-57.2170, -14.8250

■ 238.6190, -3.3010,
-0.7490

■ 193.9340,
-70.6960, -18.3440

■ 246.3600, 7.7940,
1.9220

■ 184.9970,
-84.1750, -21.8630

■ 248.1210, 6.9690,
0.3530

■ 175.7610,
-98.2500, -25.5940

■ 250.4690, 5.8690,
-1.7390

■ 166.2370,
-111.4540, -28.5900

■ 252.2300, 5.0440,
-3.3080

■ 157.3000,
-124.9330, -32.1090

■ 253.4040, 4.4940,
-4.3540

■ 150.7440,
-135.1110, -34.8790

Harmonies

Analogous

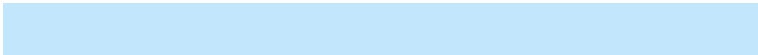
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.8180, -23.3350, -12.1270



220.7450, -30.2590, -7.7870



222.3310, -28.7930, -1.3130

Triad

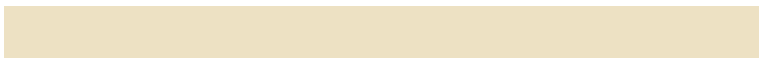
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.7450, -30.2590, -7.7870



228.5920, 10.4970, 13.5130



225.1680, 16.7820, -6.7860

Complementary

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



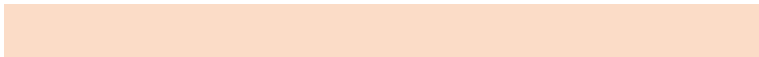
220.7450, -30.2590, -7.7870



207.2550, 30.2590, 7.7870

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.



226.8750, 25.2170, 0.0410



220.7450, -30.2590, -7.7870



228.1000, 20.6300, 11.5900

Square

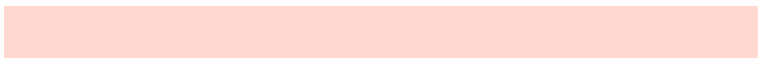
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.7450, -30.2590, -7.7870



227.6980, -4.5410, 10.7150



226.9770, 25.1700, 6.4020



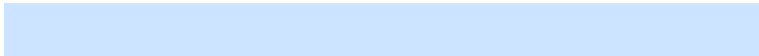
223.5900, 3.6700, -11.4500

Rectangle

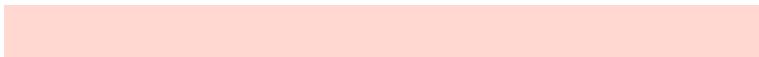
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



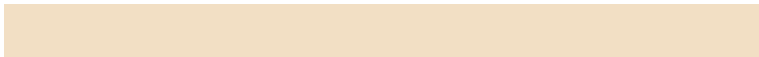
220.7450, -30.2590, -7.7870



223.9020, -22.9710, 3.3090



226.9770, 25.1700, 6.4020



225.6030, 19.9910, -4.3690

Sweetspot

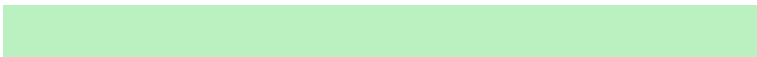
The Sweet Spot groups the original color and five complimentary colors.



220.7450, -30.2590, -7.7870



248.4440, -10.1780, -2.7700



219.3820, -16.7760, -26.3760



123.5370, -6.0060, -1.2860



0.0000, 0.0000, 0.0000



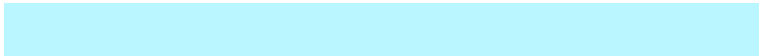
128.0000, -0.0000, -0.0000

Same Dimension

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



220.7450, -30.2590, -7.7870



229.0860, -38.6490, -9.9210



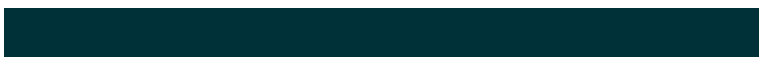
205.4830, -23.1090, 5.8110



115.2380, -6.6020, -1.4980



114.8960, -103.0640, -26.4560



35.1470, -31.4510, -8.2110

Inverse Universe

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



208.5040, 17.0970, 26.0650



213.4710, 21.8640, 33.2880



222.5170, 23.1090, -5.8110



112.7280, 3.9420, 5.6540



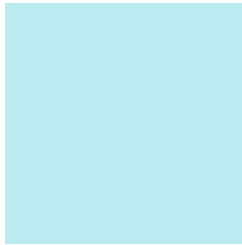
73.2560, 58.3040, 88.7680



22.3300, 17.6470, 27.1110

Previews

White Background



This preview shows how the YIQ color 220.7450, -30.2590, -7.7870 looks on a white background.

Color Contrast Check

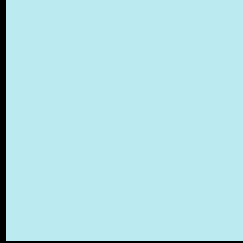
Large Text (above 18pt) WCAG AA × Fail

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 220.7450, -30.2590, -7.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

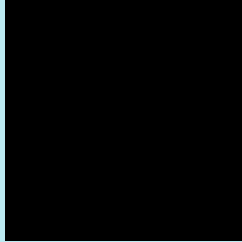
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.7450, -30.2590, -7.7870

Background



This preview shows how black text looks on a background with the YIQ color 220.7450, -30.2590, -7.7870.



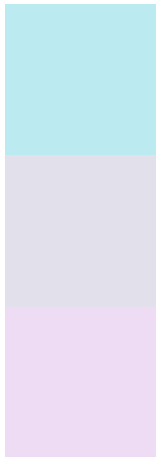
This preview shows how white text looks on a background with the YIQ color 220.7450, -30.2590, -7.7870.

-7.7870.

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

220.7450, -30.2590, -7.7870

Protanopia

225.8520, -2.3390, 3.8450

Deuteranopia

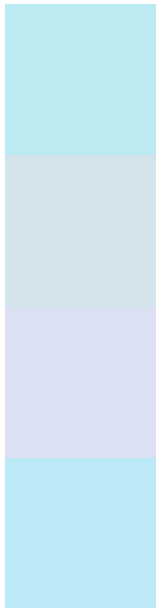
227.5310, 3.2990, 11.8030



Tritanopia

221.3090, -31.7270, -3.2070

Trichromacy



Original Color

220.7450, -30.2590, -7.7870

Protanomaly

224.2420, -12.4250, -0.5930

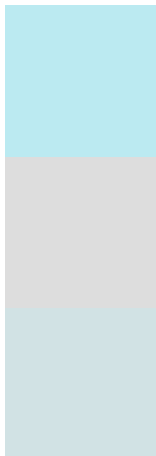
Deuteranomaly

224.6710, -9.0790, 4.8490

Tritanomaly

221.1410, -31.3140, -5.1860

Monochromacy



Original Color

220.7450, -30.2590, -7.7870

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1450, -10.7740, -2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.7450, -30.2590, -7.7870 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(187, 234, 241)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 241)  
}
```

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(187, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 241) }
```

Border

The CSS property to change the border of an element to YIQ 220.7450, -30.2590, -7.7870 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(187, 234, 241) }
```


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

```
.border{ border-color:rgb(187, 234, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 234, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 241);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 220.7450, -30.2590, -7.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 241) }
```

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

```
.background{ background-color: rgb(187,  
234, 241) }
```

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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