

Converting Colors

YIQ(201.3340, -32.8750, 6.5890)

Have a look what the booklet for
YIQ(201.3340, -32.8750, 6.5890)
contains.

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Color

**YIQ(201.3340, -32.8750,
6.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	AECEF9
RGB	174, 206, 249
RGB Percent	68%, 81%, 98%
CMY	0.3177, 0.1921, 0.0237
CMYK	0.30, 0.17, 0.00, 0.02
HSL	214°, 86%, 83%
HSV	214°, 30%, 98%
XYZ	56.6197, 59.9833, 98.1821
YIQ	201.3340, -32.8750, 6.5890

Conversions

Conversions Part 2

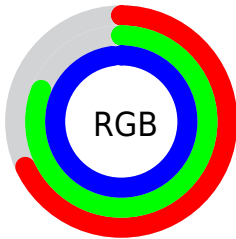
Format	Color
RYB	174, 196, 249
Decimal	11456249
CIELab	81.83, -0.97, -24.55
CIELCh	82, 24.569, 267.737
Yxy	59.9833, 0.2636, 0.2793
Android (android.graphics.Color)	4289646329 (0xFFAECEF9)
YUV	201.3340, 23.4993, -23.9719
Hunter-Lab	77.4489, -5.0416, -20.9478

Details

The YIQ color $201.3340, -32.8750, 6.5890$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $221.6660, 32.8750, -6.5890$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, -14.3040, -5.0880$, and $146.9920, -31.9120, 5.6560$ is the 20% darker color. If you saturate the color by 10%, you get $185.6410, -43.9250, 8.6110$, and if you desaturate by 10%, it is $217.0270, -21.8250, 4.5670$.

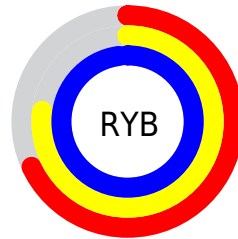
Distribution



Red (68%)

Green (81%)

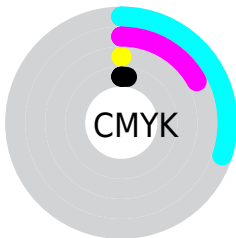
Blue (98%)



Red (68%)

Yellow (77%)

Blue (98%)

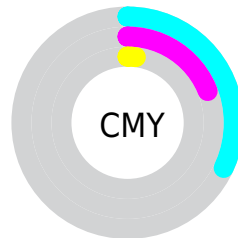


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (32%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3340, -32.8750, 6.5890 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 201.3340, -32.8750, 6.5890 by changing the saturation by 10% instead.

■ 201.3340,
-32.8750, 6.5890

■ 201.3340,
-32.8750, 6.5890

■ 255.0000, -0.0000,
-0.0000

■ 174.1060,
-32.2330, 5.9670

■ 247.8240,
-14.3040, -5.0880

■ 146.9920,
-31.9120, 5.6560

■ 120.5790,
-32.1870, 5.1330

■ 95.1660, -32.4620,
4.6100

■ 70.3400, -33.0120,
3.5640

■ 44.8230, -38.9260,
0.6100

■ 27.3680, -30.2150,

2.4330

■ 10.7720, -16.5530,
8.1430

■ 2.9810, -7.0160,
6.0080

■ 201.3340,
-32.8750, 6.5890

■ 201.3340,
-32.8750, 6.5890

■ 185.6410,
-43.9250, 8.6110

■ 217.0270,
-21.8250, 4.5670

■ 169.3610,
-54.7000, 11.1560

■ 233.3070,
-11.0500, 2.0220

■ 153.6680,
-65.7500, 13.1780

■ 249.0000, -0.0000,
-0.0000

■ 137.9750,
-76.8000, 15.2000

■ 254.3160, 1.9260,
-1.8660

■ 122.5810,
-87.2540, 17.4340

■ 106.3010,
-98.0290, 19.9790

■ 90.6080,
-109.0790, 22.0010

Harmonies

Analogous

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



196.2840, -47.7740, -4.2380



201.3340, -32.8750, 6.5890



205.3370, -10.5940, 15.7900

Triad

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



201.3340, -32.8750, 6.5890



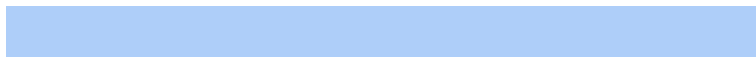
206.2670, 39.1530, 11.8010



197.3380, -13.4760, -20.1000

Complementary

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



201.3340, -32.8750, 6.5890



221.6660, 32.8750, -6.5890

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.



200.3530, 8.5310, -16.9490



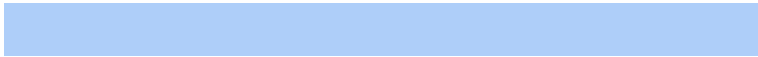
201.3340, -32.8750, 6.5890



204.7470, 37.3210, 0.9450

Square

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



201.3340, -32.8750, 6.5890



207.4050, 30.2570, 18.8410



202.6760, 26.9150, -8.7090



194.8440, -35.3920, -19.3920

Rectangle

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



201.3340, -32.8750, 6.5890



207.0570, 4.9940, 19.6340



202.6760, 26.9150, -8.7090



197.8720, -6.2320, -19.2240

Sweetspot

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



201.3340, -32.8750, 6.5890



240.4920, -10.1330, 1.9230



222.8130, -34.1070, -26.1630



118.2320, -6.4650, 1.5270



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.



201.3340, -32.8750, 6.5890



196.3810, -40.2570, 8.2150



184.0450, -21.0950, 24.3850



117.0040, -5.8230, 0.9050



69.0930, -82.9440, 16.4160



22.2160, -26.7310, 5.3730

Inverse Universe

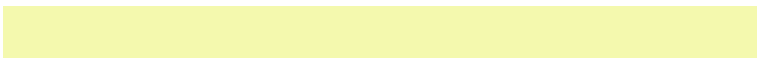
The Inverse Universe completely reimagines the original color for something new.



200.0730, 34.4280, 25.8520



194.9540, 42.3130, 31.6330



238.9550, 21.0950, -24.3850



116.5710, 5.8220, 4.6220



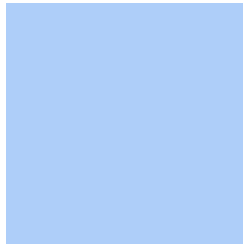
65.7450, 86.6430, 65.2590



21.2030, 28.0100, 21.0180

Previews

White Background



This preview shows how the YIQ color 201.3340, -32.8750, 6.5890 looks on a white background.

Color Contrast Check

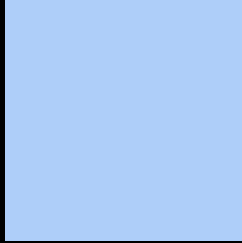
Large Text (above 18pt) WCAG AA × Fail

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 201.3340, -32.8750, 6.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

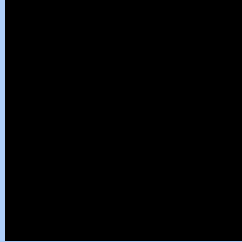
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

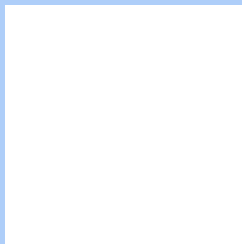
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.3340, -32.8750, 6.5890

Background



This preview shows how black text looks on a background with the YIQ color 201.3340, -32.8750, 6.5890.



This preview shows how white text looks on a background with the YIQ color 201.3340, -32.8750,

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

201.3340, -32.8750, 6.5890

Protanopia

203.7380, -19.2130, 12.2990

Deuteranopia

204.8140, -16.3710, 15.8610



Tritanopia

199.6790, -29.8930, -3.4050

Trichromacy



Original Color

201.3340, -32.8750, 6.5890

Protanomaly

202.9330, -24.2560, 10.0800

Deuteranomaly

203.8840, -22.5600, 12.3840

Tritanomaly

200.6020, -30.9940, 0.0300

Monochromacy



Original Color

201.3340, -32.8750, 6.5890

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1220, -11.9670, 2.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3340, -32.8750, 6.5890 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(174, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(174, 206, 249)  
}
```

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(174, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 206, 249) }
```

Border

The CSS property to change the border of an element to YIQ 201.3340, -32.8750, 6.5890 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(174, 206, 249) }
```


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

```
.border{ border-color:rgb(174, 206, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 206, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 206, 249);  
box-shadow:4px 4px 4px 4px rgb(174, 206,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3340, -32.8750, 6.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 206, 249) }
```

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

```
.background{ background-color: rgb(174,  
206, 249) }
```

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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