

Converting Colors

YIQ(200.6390, -32.4160, 3.7760)

Have a look what the booklet for
YIQ(200.6390, -32.4160, 3.7760)
contains.

YIQ(200.6390, -32.4160, 3.7760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(200.6390, -32.4160,
3.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCFF3
RGB	172, 207, 243
RGB Percent	67%, 81%, 95%
CMY	0.3255, 0.1882, 0.0472
CMYK	0.29, 0.15, 0.00, 0.05
HSL	210°, 75%, 81%
HSV	210°, 29%, 95%
XYZ	55.4979, 59.8704, 93.3935
YIQ	200.6390, -32.4160, 3.7760

Conversions

Conversions Part 2

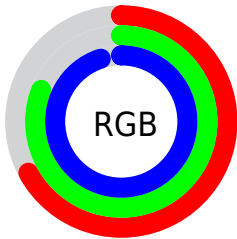
Format	Color
RYB	172, 195, 243
Decimal	11325427
CIELab	81.77, -3.50, -21.46
CIElCh	82, 21.746, 260.731
Yxy	59.8704, 0.2658, 0.2868
Android (android.graphics.Color)	4289515507 (0xFFACCF3)
YUV	200.6390, 20.8840, -25.1164
Hunter-Lab	77.3760, -7.3788, -17.4004

Details

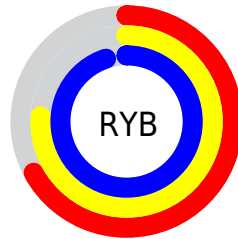
The YIQ color $200.6390, -32.4160, 3.7760$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $214.3610, 32.4160, -3.7760$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.2260, -15.4960, -5.5120$, and $146.4110, -31.7740, 3.1540$ is the 20% darker color. If you saturate the color by 10%, you get $186.4190, -43.4200, 4.9640$, and if you desaturate by 10%, it is $214.8590, -21.4120, 2.5880$.

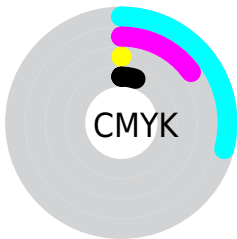
Distribution



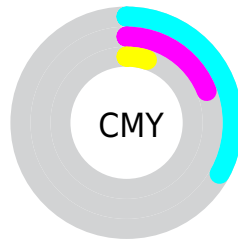
- Red (67%)
- Green (81%)
- Blue (95%)



- Red (67%)
- Yellow (76%)
- Blue (95%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.6390, -32.4160, 3.7760 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 200.6390, -32.4160, 3.7760 by changing the saturation by 10% instead.

■ 200.6390,
-32.4160, 3.7760

■ 200.6390,
-32.4160, 3.7760

■ 255.0000, -0.0000,
-0.0000

■ 173.5250,
-32.0950, 3.4650

■ 247.2260,
-15.4960, -5.5120

■ 146.4110,
-31.7740, 3.1540

■ 120.2970,
-31.4530, 2.8430

■ 94.7700, -31.4070,
2.0090

■ 70.0580, -32.2780,
1.2740

■ 44.2530, -37.3210,
-0.9450

■ 26.7980, -28.6100,

0.8780

■ 10.9030, -15.5440,
6.3760

■ 2.4110, -5.4110,
4.4530

■ 200.6390,
-32.4160, 3.7760

■ 200.6390,
-32.4160, 3.7760

■ 186.4190,
-43.4200, 4.9640

■ 214.8590,
-21.4120, 2.5880

■ 171.3130,
-54.7450, 6.4630

■ 229.9650,
-10.0870, 1.0890

■ 157.0930,
-65.7490, 7.6510

■ 244.1850, 0.9170,
-0.0990

■ 142.8730,
-76.7530, 8.8390

■ 253.6320, 3.8520,
-3.7320

■ 128.0660,
-87.4820, 10.5500

■ 113.5470,
-99.0820, 11.5260

■ 99.3270,
-110.0860, 12.7140

■ 98.1420,
-111.0030, 12.8130

Harmonies

Analogous

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



196.8670, -42.2260, -5.6660



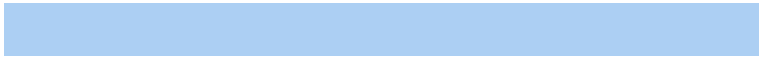
200.6390, -32.4160, 3.7760



204.3750, -13.7570, 12.5390

Triad

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



200.6390, -32.4160, 3.7760



206.1570, 33.6510, 12.3950



198.7410, -7.2410, -17.4570

Complementary

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



200.6390, -32.4160, 3.7760



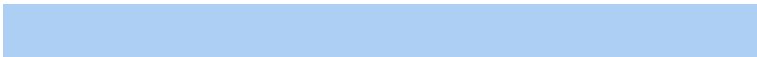
214.3610, 32.4160, -3.7760

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.



200.7280, 11.9690, -13.1750



200.6390, -32.4160, 3.7760



204.7730, 34.4320, 3.7440

Square

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



200.6390, -32.4160, 3.7760



206.6430, 23.6550, 17.3430



203.2570, 26.7770, -6.2070



196.3890, -26.6810, -17.5690

Rectangle

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



200.6390, -32.4160, 3.7760



206.3120, -0.2780, 16.0580



203.2570, 26.7770, -6.2070



199.0900, -0.9140, -16.4820

Sweetspot

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



200.6390, -32.4160, 3.7760



241.0790, -10.4080, 1.4000



217.6670, -30.7600, -26.2480



118.8190, -6.7400, 1.0040



0.0000, 0.0000, 0.0000



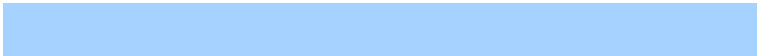
128.0000, -0.0000, -0.0000

Same Dimension

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



200.6390, -32.4160, 3.7760



201.9740, -40.6690, 4.6670



180.0940, -22.7910, 22.0810



114.8900, -5.5020, 0.5940



75.2080, -85.0060, 9.7300



23.7490, -26.9140, 3.1820

Inverse Universe

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



197.2190, 31.0810, 25.9370



197.6270, 38.9200, 32.5520



234.9060, 22.7910, -22.0810



114.2720, 5.2260, 4.4100



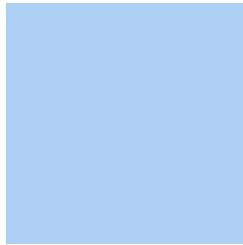
66.1020, 81.3240, 68.0440



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 200.6390, -32.4160, 3.7760 looks on a white background.

Color Contrast Check

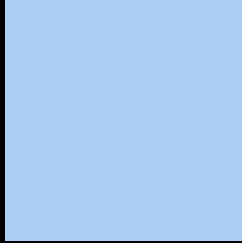
Large Text (above 18pt) WCAG AA × Fail

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 200.6390, -32.4160, 3.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

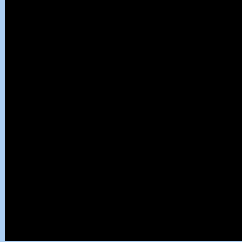
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

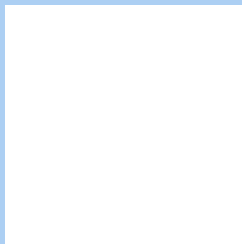
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.6390, -32.4160, 3.7760

Background



This preview shows how black text looks on a background with the YIQ color 200.6390, -32.4160, 3.7760.



This preview shows how white text looks on a background with the YIQ color 200.6390, -32.4160,

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

200.6390, -32.4160, 3.7760

Protanopia

203.5380, -15.7740, 10.5460

Deuteranopia

204.5540, -12.7030, 15.4650



Tritanopia

199.3800, -30.4890, -3.6170

Trichromacy



Original Color

200.6390, -32.4160, 3.7760

Protanomaly

202.4340, -21.4130, 8.1150

Deuteranomaly

202.9120, -19.7630, 11.2530

Tritanomaly

199.7760, -31.5440, -1.0160

Monochromacy



Original Color

200.6390, -32.4160, 3.7760

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.5950, -11.9210, 1.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6390, -32.4160, 3.7760 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(172, 207, 243)` looks like.

```
.text, #text, p{  
    color:rgb(172, 207, 243)  
}
```

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(172, 207, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 207, 243) }
```

Border

The CSS property to change the border of an element to YIQ 200.6390, -32.4160, 3.7760 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(172, 207, 243) }
```


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

```
.border{ border-color:rgb(172, 207, 243) }
```

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

Here you see how a box with a 4 pixel rgb(172, 207, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 207, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 207, 243);  
box-shadow:4px 4px 4px 4px rgb(172, 207,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6390, -32.4160, 3.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 207, 243) }
```

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

```
.background{ background-color: rgb(172,  
207, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor