

Converting Colors

YIQ(203.5790, -24.1600,
-13.6960)

Have a look what the booklet for
YIQ(203.5790, -24.1600, -13.6960)
contains.

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Color

**YIQ(203.5790, -24.1600,
-13.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDBCF
RGB	172, 219, 207
RGB Percent	67%, 86%, 81%
CMY	0.3256, 0.1411, 0.1883
CMYK	0.21, 0.00, 0.05, 0.14
HSL	165°, 40%, 77%
HSV	165°, 21%, 86%
XYZ	53.6030, 63.9445, 68.5347
YIQ	203.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

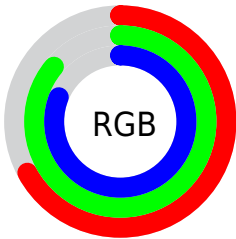
Format	Color
RYB	172, 199, 219
Decimal	11328463
CIELab	83.94, -17.66, 0.90
CIElCh	84, 17.687, 177.071
Yxy	63.9445, 0.2881, 0.3436
Android (android.graphics.Color)	4289518543 (0xFFACDBCF)
YUV	203.5790, 1.6866, -27.6948
Hunter-Lab	79.9653, -20.2855, 5.1609

Details

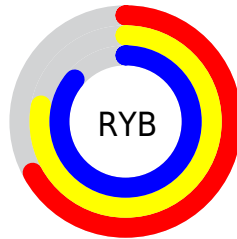
The YIQ color **203.5790, -24.1600, -13.6960** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **187.4210, 24.1600, 13.6960**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.9270, -16.0920, -5.7240**, and **149.2910, -23.2890, -12.9610** is the 20% darker color. If you saturate the color by 10%, you get **196.3170, -35.3460, -20.2260**, and if you desaturate by 10%, it is **210.8410, -12.9740, -7.1660**.

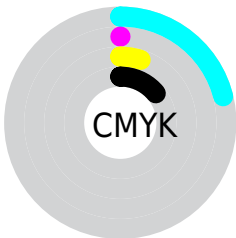
Distribution



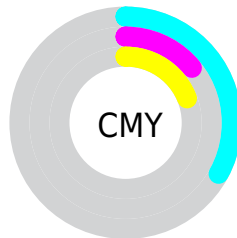
- Red (67%)
- Green (86%)
- Blue (81%)



- Red (67%)
- Yellow (78%)
- Blue (86%)



- Cyan (21%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (33%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.5790, -24.1600, -13.6960 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 203.5790, -24.1600, -13.6960 by changing the saturation by 10% instead.

■ 203.5790,
-24.1600, -13.6960

■ 203.5790,
-24.1600, -13.6960

255.0000, -0.0000,
-0.0000

■ 175.8780,
-23.5640, -13.4840

■ 246.9270,
-16.0920, -5.7240

■ 149.2910,
-23.2890, -12.9610

■ 123.2910,
-23.2890, -12.9610

■ 97.7040, -23.0140,
-12.4380

■ 73.1170, -22.7390,
-11.9150

■ 49.8180, -23.3350,
-12.1270

■ 28.5300, -22.4640,

-11.3920

■ 14.7550, -9.8560,
-8.6080

■ 0.0000, 0.0000,
0.0000

■ 203.5790,
-24.1600, -13.6960

■ 203.5790,
-24.1600, -13.6960

■ 196.3170,
-35.3460, -20.2260

■ 210.8410,
-12.9740, -7.1660

■ 189.1690,
-46.8530, -26.4450

■ 217.9890, -1.4670,
-0.9470

■ 181.9070,
-58.0390, -32.9750

■ 225.2510, 9.7190,
5.5830

■ 174.7590,
-69.5460, -39.1940

■ 230.9040, 18.2460,
10.7420

■ 167.4970,
-80.7320, -45.7240

■ 231.5880, 16.3200,
12.6080

■ 160.5340,
-91.3220, -52.0420

■ 232.2720, 14.3940,
14.4740

■ 153.3860,
-102.8290, -58.2610

■ 232.8420, 12.7890,
16.0290

■ 147.1350,
-112.5480, -63.8440

■ 233.5260, 10.8630,
17.8950

■ 233.8680, 9.9000,
18.8280

Harmonies

Analogous

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



205.0660, -9.5340, -14.4460



203.5790, -24.1600, -13.6960



203.7230, -33.1930, -9.6810

Triad

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



203.5790, -24.1600, -13.6960



210.9580, -8.2090, 11.1110



210.4840, 27.8760, 1.4120

Complementary

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



203.5790, -24.1600, -13.6960



187.4210, 24.1600, 13.6960

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.



212.2980, 28.7000, 8.5080



203.5790, -24.1600, -13.6960



212.7490, 8.6170, 14.5450

Square

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



203.5790, -24.1600, -13.6960



207.9560, -23.0630, 4.9770



212.7520, 21.7300, 13.6820



209.1360, 19.8080, -6.5600

Rectangle

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



203.5790, -24.1600, -13.6960



204.4720, -33.7440, -5.2000



212.7520, 21.7300, 13.6820



211.2500, 28.6550, 3.8150

Sweetspot

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



203.5790, -24.1600, -13.6960



250.0590, -7.6560, -4.4240



203.4760, -5.1770, -21.8250



124.9670, -4.4010, -2.8410



0.0000, 0.0000, 0.0000



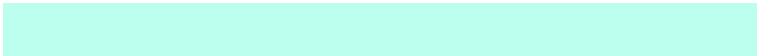
128.0000, -0.0000, -0.0000

Same Dimension

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



203.5790, -24.1600, -13.6960



233.3280, -33.8790, -19.2790



198.4900, -24.9870, -4.2110



106.3690, -5.5930, -3.2650



116.2570, -88.9840, -50.3600



30.8780, -23.5640, -13.4840

Inverse Universe

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



187.4210, 24.1600, 13.6960



210.6720, 33.8790, 19.2790



192.5100, 24.9870, 4.2110



102.5170, 5.9140, 2.9540



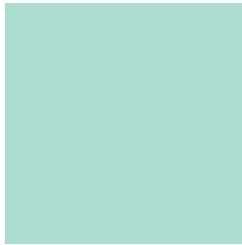
56.7430, 88.9840, 50.3600



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 203.5790, -24.1600, -13.6960 looks on a white background.

Color Contrast Check

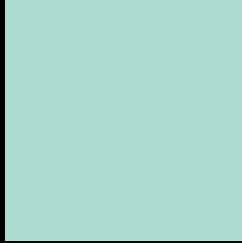
Large Text (above 18pt) WCAG AA × Fail

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 203.5790, -24.1600, -13.6960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

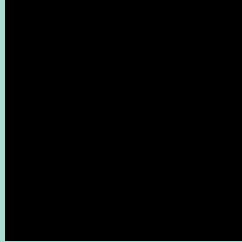
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

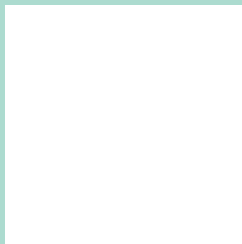
Any Text WCAG AAA ✓ Pass

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

YIQ 203.5790, -24.1600, -13.6960 Background



This preview shows how black text looks on a background with the YIQ color 203.5790, -24.1600, -13.6960.



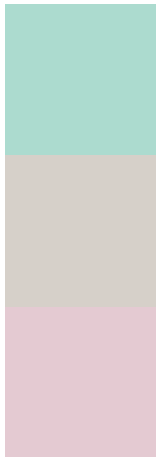
This preview shows how white text looks on a background with the YIQ color 203.5790, -24.1600, -13.6960.

-13.6960.

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**

203.5790, -24.1600, -13.6960

Protanopia

208.9960, 5.8230, -0.9050

Deuteranopia

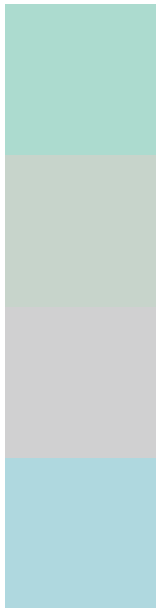
210.6860, 12.9280, 8.0000



Tritanopia

205.5760, -28.1050, -2.7690

Trichromacy



Original Color

203.5790, -24.1600, -13.6960

Protanomaly

207.0870, -4.8590, -5.5550

Deuteranomaly

208.1140, -0.3210, 0.3110

Tritanomaly

204.5390, -26.6830, -6.5150

Monochromacy



Original Color

203.5790, -24.1600, -13.6960

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.4610, -8.8480, -4.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.5790, -24.1600, -13.6960 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, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 207)  
}
```

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, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 207) }
```

Border

The CSS property to change the border of an element to YIQ 203.5790, -24.1600, -13.6960 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, 219, 207) }
```


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

```
.border{ border-color:rgb(172, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 203.5790, -24.1600, -13.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 207) }
```

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

```
.background{ background-color: rgb(172,  
219, 207) }
```

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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