

Converting Colors

YIQ(162.0890, -87.4300,
-23.4460)

Have a look what the booklet for
YIQ(162.0890, -87.4300, -23.4460)
contains.

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Color

**YIQ(162.0890, -87.4300,
-23.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	40C9DB
RGB	64, 201, 219
RGB Percent	25%, 79%, 86%
CMY	0.7493, 0.2115, 0.1415
CMYK	0.71, 0.08, 0.00, 0.14
HSL	187°, 68%, 55%
HSV	187°, 71%, 86%
XYZ	35.7833, 47.9971, 74.3327
YIQ	162.0890, -87.4300, -23.4460

Conversions

Conversions Part 2

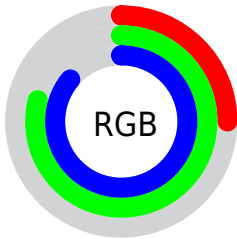
Format	Color
RYB	64, 137, 219
Decimal	4245979
CIELab	74.82, -30.44, -19.51
CIELCh	75, 36.160, 212.658
Yxy	47.9971, 0.2263, 0.3036
Android (android.graphics.Color)	4282436059 (0xFF40C9DB)
YUV	162.0890, 28.0571, -86.0241
Hunter-Lab	69.2799, -29.0441, -15.1182

Details

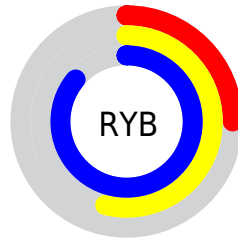
The YIQ color **162.0890, -87.4300, -23.4460** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **120.9110, 87.4300, 23.4460**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2230, -73.3080, -26.0760**, and **104.9850, -93.0690, -25.8770** is the 20% darker color. If you saturate the color by 10%, you get **154.3370, -99.9920, -27.0640**, and if you desaturate by 10%, it is **170.4280, -75.1430, -20.3510**.

Distribution



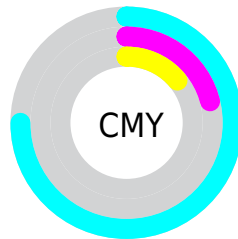
- Red (25%)
- Green (79%)
- Blue (86%)



- Red (25%)
- Yellow (54%)
- Blue (86%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (75%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.0890, -87.4300, -23.4460 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 162.0890, -87.4300, -23.4460 by changing the saturation by 10% instead.

■ 162.0890,
-87.4300, -23.4460

■ 162.0890,
-87.4300, -23.4460

■ 255.0000, -0.0000,
-0.0000

■ 123.3250,
-108.8860, -31.0780

■ 218.2230,
-73.3080, -26.0760

■ 104.9850,
-93.0690, -25.8770

■ 227.4920,
-54.8320, -19.5040

■ 86.7590, -77.5730,
-20.3650

■ 236.7610,
-36.3560, -12.9320

■ 68.5330, -62.0770,
-14.8530

■ 245.7310,
-18.4760, -6.5720

■ 51.7090, -47.7730,
-9.7650

■ 35.4720, -33.7440,
-5.2000

■ 20.6370, -20.9070,

-1.0590

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 162.0890,
-87.4300, -23.4460

■ 162.0890,
-87.4300, -23.4460

■ 154.3370,
-99.9920, -27.0640

■ 170.4280,
-75.1430, -20.3510

■ 145.9980,
-112.2790, -30.1590

■ 178.1800,
-62.5810, -16.7330

■ 138.8440,
-123.6490, -33.3530

■ 186.5190,
-50.2940, -13.6380

■ 193.9720,
-38.3280, -10.2320

■ 202.3110,
-26.0410, -7.1370

■ 210.0630,
-13.4790, -3.5190

■ 218.4020, -1.1920,
-0.4240

■ 226.1540, 11.3700,
3.1940

■ 232.6990, 20.0810,
5.0170

Harmonies

Analogous

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



166.3890, -62.2120, -28.9320



162.0890, -87.4300, -23.4460



169.8490, -77.3460, -7.9540

Triad

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



162.0890, -87.4300, -23.4460



189.2490, 22.3690, 29.6410



181.7550, 33.7020, -16.0740

Complementary

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



162.0890, -87.4300, -23.4460



120.9110, 87.4300, 23.4460

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.



184.6960, 50.5260, -1.5860



162.0890, -87.4300, -23.4460



188.2330, 45.6610, 26.0210

Square

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



162.0890, -87.4300, -23.4460



186.9060, -10.4580, 24.3420



186.3460, 55.1080, 14.5000



178.0010, 6.2860, -25.8260

Rectangle

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



162.0890, -87.4300, -23.4460



177.4050, -58.0000, 4.8800



186.3460, 55.1080, 14.5000



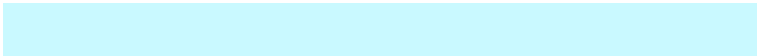
182.5110, 40.4410, -11.5510

Sweetspot

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



162.0890, -87.4300, -23.4460



235.3320, -30.5340, -8.3100



156.6950, -47.4400, -76.4000



116.0840, -17.9720, -4.6920



0.0000, 0.0000, 0.0000



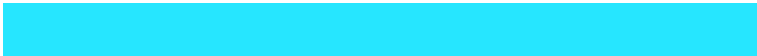
128.0000, -0.0000, -0.0000

Same Dimension

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



162.0890, -87.4300, -23.4460



175.4420, -122.4570, -32.9290



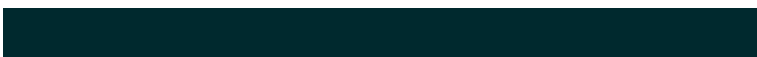
118.0640, -66.8050, 15.7790



105.5370, -6.0060, -1.2860



109.5330, -97.6080, -26.2160



29.3110, -26.0410, -7.1370

Inverse Universe

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



125.9630, 48.4030, 75.4670



124.7710, 67.7000, 105.7160



164.9360, 66.8050, -15.7790



103.3150, 3.6670, 5.1310



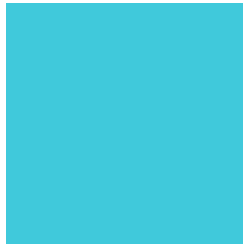
69.1690, 53.9950, 84.2590



18.4280, 14.2550, 22.5030

Previews

White Background



This preview shows how the YIQ color 162.0890, -87.4300, -23.4460 looks on a white background.

Color Contrast Check

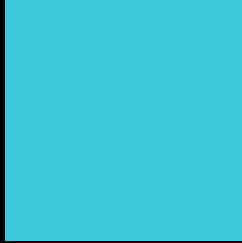
Large Text (above 18pt) WCAG AA × Fail

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 162.0890, -87.4300, -23.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

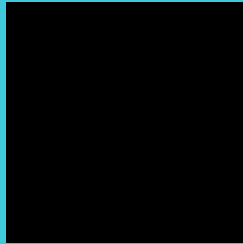
Any Text WCAG AA ✓ Pass

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 162.0890, -87.4300, -23.4460 Background



This preview shows how black text looks on a background with the YIQ color 162.0890, -87.4300, -23.4460.



This preview shows how white text looks on a background with the YIQ color 162.0890, -87.4300, -23.4460.

-23.4460.

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

162.0890, -87.4300, -23.4460

Protanopia

183.2520, -9.2170, 7.3510

Deuteranopia

184.4290, -13.8490, 14.2070



Tritanopia

161.6760, -87.7050, -23.9690

Trichromacy



Original Color

162.0890, -87.4300, -23.4460

Protanomaly

175.3730, -37.7790, -3.6590

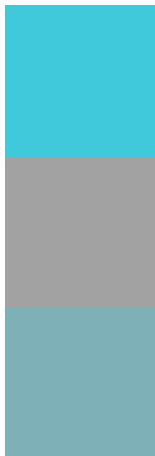
Deuteranomaly

176.3390, -40.4390, 0.4970

Tritanomaly

161.6760, -87.7050, -23.9690

Monochromacy



Original Color

162.0890, -87.4300, -23.4460

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.8480, -32.0470, -8.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.0890, -87.4300, -23.4460 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(64, 201, 219)` looks like.

```
.text, #text, p{  
    color:rgb(64, 201, 219)  
}
```

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(64, 201, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 201, 219) }
```

Border

The CSS property to change the border of an element to YIQ 162.0890, -87.4300, -23.4460 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(64, 201, 219) }
```


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

```
.border{ border-color:rgb(64, 201, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 201, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 201, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 201, 219);  
box-shadow:4px 4px 4px 4px rgb(64, 201,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 162.0890, -87.4300, -23.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 201, 219) }
```

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

```
.background{ background-color: rgb(64, 201,  
219) }
```

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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