

Converting Colors

YIQ(164.0720, -62.3970,
-20.0690)

Have a look what the booklet for
YIQ(164.0720, -62.3970, -20.0690)
contains.

YIQ(164.0720, -62.3970, -20.0690)	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(164.0720, -62.3970,
-20.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC2C7
RGB	92, 194, 199
RGB Percent	36%, 76%, 78%
CMY	0.6394, 0.2390, 0.2199
CMYK	0.54, 0.02, 0.00, 0.22
HSL	183°, 49%, 57%
HSV	183°, 54%, 78%
XYZ	34.0102, 44.9954, 60.8862
YIQ	164.0720, -62.3970, -20.0690

Conversions

Conversions Part 2

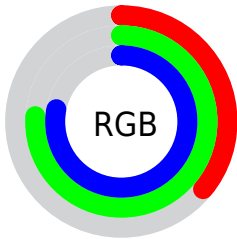
Format	Color
R _Y B	92, 144, 199
Decimal	6079175
CIE Lab	72.89, -28.17, -11.52
CIE LCh	73, 30.433, 202.234
Yxy	44.9954, 0.2431, 0.3216
Android (android.graphics.Color)	4284269255 (0xFF5CC2C7)
YUV	164.0720, 17.2195, -63.2071
Hunter-Lab	67.0786, -26.8844, -6.8616

Details

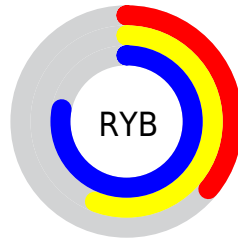
The YIQ color **164.0720, -62.3970, -20.0690** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **126.9280, 62.3970, 20.0690**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5560, -60.8840, -19.9560**, and **104.3910, -73.7210, -24.0970** is the 20% darker color. If you saturate the color by 10%, you get **157.5050, -74.0420, -23.7860**, and if you desaturate by 10%, it is **170.6390, -50.7520, -16.3520**.

Distribution



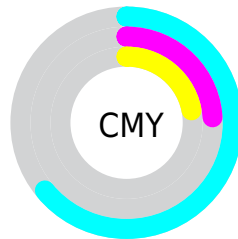
- Red (36%)
- Green (76%)
- Blue (78%)



- Red (36%)
- Yellow (56%)
- Blue (78%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.0720, -62.3970, -20.0690 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 164.0720, -62.3970, -20.0690 by changing the saturation by 10% instead.

■ 164.0720,
-62.3970, -20.0690

■ 164.0720,
-62.3970, -20.0690

■ 255.0000, -0.0000,
-0.0000

■ 135.8760,
-64.7810, -20.9170

■ 221.5560,
-60.8840, -19.9560

■ 104.3910,
-73.7210, -24.0970

■ 232.5750,
-44.7000, -15.9000

■ 80.4840, -69.5490,
-22.6130

■ 241.2460,
-27.4160, -9.7520

■ 63.0730, -54.9700,
-17.0020

■ 250.2160, -9.5360,
-3.3920

■ 46.2490, -40.6660,
-11.9140

■ 30.8270, -27.5540,
-7.2500

■ 14.3450, -14.2130,

-1.2290

■ 0.0000, 0.0000,
0.0000

■ 164.0720,
-62.3970, -20.0690

■ 164.0720,
-62.3970, -20.0690

■ 157.5050,
-74.0420, -23.7860

■ 170.6390,
-50.7520, -16.3520

■ 150.9380,
-85.6870, -27.5030

■ 177.2060,
-39.1070, -12.6350

■ 144.3710,
-97.3320, -31.2200

■ 183.7730,
-27.4620, -8.9180

■ 137.8040,
-108.9770, -34.9370

■ 190.3400,
-15.8170, -5.2010

■ 134.2160,
-116.1290, -37.4810

■ 196.6080, -4.7680,
-1.6960

■ 203.1750, 6.8770,
2.0210

■ 209.1550, 18.7970,
6.2610

■ 215.7220, 30.4420,
9.9780

■ 217.5050, 32.5510,
10.3030

Harmonies

Analogous

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



167.3440, -39.9760, -24.4240



164.0720, -62.3970, -20.0690



166.7270, -65.3790, -10.0750

Triad

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



164.0720, -62.3970, -20.0690



183.0300, 9.6240, 23.8320



178.1560, 34.2510, -9.5010

Complementary

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



164.0720, -62.3970, -20.0690



126.9280, 62.3970, 20.0690

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.



179.9330, 45.6650, 3.9130



164.0720, -62.3970, -20.0690



183.1220, 32.7320, 23.5480

Square

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



164.0720, -62.3970, -20.0690



180.0850, -18.5720, 17.2040



181.7240, 45.2960, 16.1120



175.4090, 14.1250, -19.2110

Rectangle

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



164.0720, -62.3970, -20.0690



171.0970, -54.3770, -0.2090



181.7240, 45.2960, 16.1120



178.4280, 39.4770, -5.0910

Sweetspot

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



164.0720, -62.3970, -20.0690



241.5670, -23.8860, -7.6460



155.2650, -30.7090, -54.7170



119.3510, -14.3500, -4.2540



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.



164.0720, -62.3970, -20.0690



200.6700, -96.7360, -31.0080



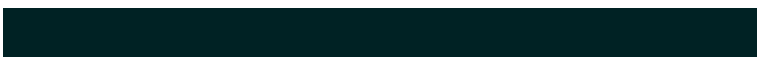
133.5480, -48.0970, 7.1270



96.3090, -5.3640, -1.9080



110.1540, -95.2230, -30.8950



24.0620, -20.9060, -6.5860

Inverse Universe

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



135.6210, 31.0300, 54.4060



156.6460, 48.2180, 84.3300



157.4520, 48.0970, -7.1270



93.7170, 2.4750, 4.7070



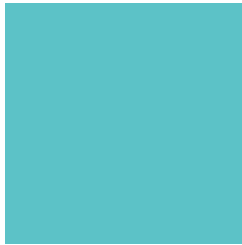
66.5210, 47.0720, 83.0720



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 164.0720, -62.3970, -20.0690 looks on a white background.

Color Contrast Check

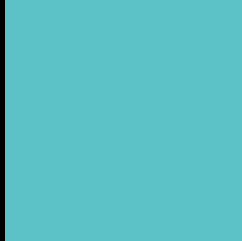
Large Text (above 18pt) WCAG AA × Fail

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 164.0720, -62.3970, -20.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

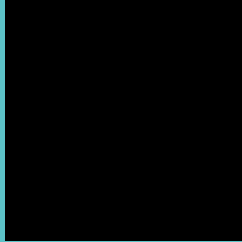
Any Text WCAG AA ✓ Pass

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 164.0720, -62.3970, -20.0690 Background



This preview shows how black text looks on a background with the YIQ color 164.0720, -62.3970, -20.0690.



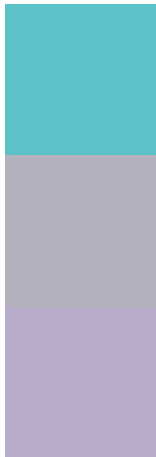
This preview shows how white text looks on a background with the YIQ color 164.0720, -62.3970, -20.0690.

-20.0690.

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

164.0720, -62.3970, -20.0690

Protanopia

178.5530, -2.9350, 3.6330

Deuteranopia

179.4100, -3.6700, 11.4500



Tritanopia

165.4080, -63.2230, -16.1110

Trichromacy



Original Color

164.0720, -62.3970, -20.0690



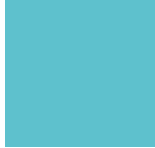
Protanomaly

173.2620, -24.3450, -4.8330



Deuteranomaly

174.1250, -25.2170, -0.0410



Tritanomaly

164.7670, -62.8560, -17.2560

Monochromacy



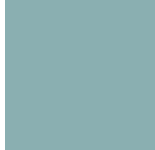
Original Color

164.0720, -62.3970, -20.0690



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

164.1650, -22.6940, -7.2220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.0720, -62.3970, -20.0690 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(92, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(92, 194, 199)  
}
```

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(92, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 194, 199) }
```

Border

The CSS property to change the border of an element to YIQ 164.0720, -62.3970, -20.0690 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(92, 194, 199) }
```


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

```
.border{ border-color:rgb(92, 194, 199) }
```

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

Here you see how a box with a 4 pixel rgb(92, 194, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(92, 194,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 164.0720, -62.3970, -20.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 194, 199) }
```

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

```
.background{ background-color: rgb(92, 194,  
199) }
```

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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