

Converting Colors

YIQ(176.3620, 20.3660,
-49.7300)

Have a look what the booklet for
YIQ(176.3620, 20.3660, -49.7300)
contains.

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Color

**YIQ(176.3620, 20.3660,
-49.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CB45
RGB	165, 203, 69
RGB Percent	65%, 80%, 27%
CMY	0.3531, 0.2038, 0.7292
CMYK	0.19, 0.00, 0.66, 0.20
HSL	77°, 56%, 53%
HSV	77°, 66%, 80%
XYZ	37.9431, 51.1441, 13.5099
YIQ	176.3620, 20.3660, -49.7300

Conversions

Conversions Part 2

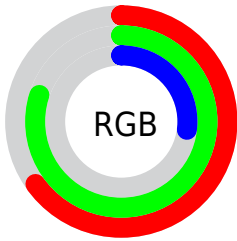
Format	Color
RYB	69, 203, 107
Decimal	10865477
CIELab	76.77, -31.70, 60.19
CIELCh	77, 68.024, 117.772
Yxy	51.1441, 0.3698, 0.4985
Android (android.graphics.Color)	4289055557 (0xFFA5CB45)
YUV	176.3620, -52.9295, -9.9645
Hunter-Lab	71.5151, -30.4463, 38.8601

Details

The YIQ color **176.3620, 20.3660, -49.7300** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **95.6380, -20.3660, 49.7300**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4980, 22.9790, -47.5250**, and **120.0540, 23.9890, -54.8190** is the 20% darker color. If you saturate the color by 10%, you get **172.2880, 23.2100, -57.2220**, and if you desaturate by 10%, it is **180.4360, 17.5220, -42.2380**.

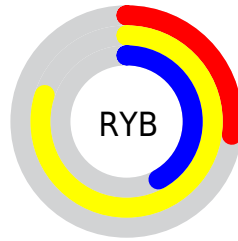
Distribution



Red (65%)

Green (80%)

Blue (27%)



Red (27%)

Yellow (80%)

Blue (42%)

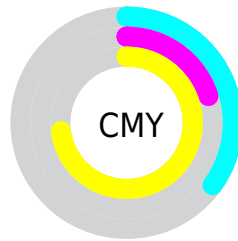


Cyan (19%)

Magenta (0%)

Yellow (66%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3620, 20.3660, -49.7300 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 176.3620, 20.3660, -49.7300 by changing the saturation by 10% instead.

■ 176.3620, 20.3660,
-49.7300

■ 176.3620, 20.3660,
-49.7300

■ 255.0000, -0.0000,
-0.0000

■ 148.8350, 20.4120,
-50.5640

■ 230.4980, 22.9790,
-47.5250

■ 120.0540, 23.9890,
-54.8190

■ 242.2470, 31.5960,
-32.9800

■ 96.7190, 15.0470,
-46.9450

■ 246.3360, 24.3960,
-23.6360

■ 74.2700, 6.4260,
-39.3820

■ 249.6420, 15.0870,
-14.6170

■ 51.2120, -4.8540,
-33.1900

■ 252.9480, 5.7780,
-5.5980

■ 29.9370, -14.0250,
-26.6730

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 176.3620, 20.3660,
-49.7300

■ 176.3620, 20.3660,
-49.7300

■ 172.2880, 23.2100,
-57.2220

■ 180.4360, 17.5220,
-42.2380

■ 168.1000, 26.3750,
-65.0250

■ 184.3250, 13.7610,
-34.6470

■ 164.3250, 29.8150,
-72.3050

■ 188.3990, 10.9170,
-27.1550

■ 162.5160, 30.5950,
-75.4290

■ 192.4730, 8.0730,
-19.6630

■ 196.6610, 4.9080,
-11.8600

■ 200.7350, 2.0640,
-4.3680

■ 204.5100, -1.3760,
2.9120

■ 208.5840, -4.2200,
10.4040

■ 212.7720, -7.3850,
18.2070

Harmonies

Analogous

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



182.5100, 67.4040, -32.1480



176.3620, 20.3660, -49.7300



162.2070, -51.1570, -58.5890

Triad

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



176.3620, 20.3660, -49.7300



154.1010, -140.4300, -32.0940



176.1870, 52.4430, 46.2910

Complementary

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



176.3620, 20.3660, -49.7300



95.6380, -20.3660, 49.7300

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.



192.1910, 29.4250, 55.9610



176.3620, 20.3660, -49.7300



145.2960, -136.3050, -24.2490

Square

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



176.3620, 20.3660, -49.7300



156.5970, -139.1910, -38.0310



186.2130, -21.5080, 26.3640



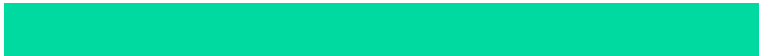
172.6410, 70.6950, 23.8710

Rectangle

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



176.3620, 20.3660, -49.7300



146.3200, -111.6310, -63.9430



186.2130, -21.5080, 26.3640



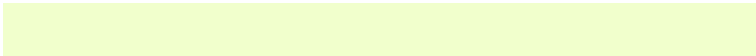
180.3420, 44.8770, 51.2530

Sweetspot

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



176.3620, 20.3660, -49.7300



245.0000, 8.0270, -18.8290



131.3720, 69.4140, 8.5340



121.7750, 4.5870, -11.5490



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.



176.3620, 20.3660, -49.7300



215.0430, 30.5490, -74.5950



156.3290, -19.5660, -63.9340



99.9630, 1.4220, -3.7460



133.0230, 25.2740, -61.5900



30.3790, 5.6420, -14.1500

Inverse Universe

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



95.6380, -20.3660, 49.7300



93.9570, -30.5490, 74.5950



115.6710, 19.5660, 63.9340



94.0370, -1.4220, 3.7460



32.9770, -25.2740, 61.5900



7.6210, -5.6420, 14.1500

Previews

White Background



This preview shows how the YIQ color 176.3620, 20.3660, -49.7300 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 176.3620, 20.3660, -49.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

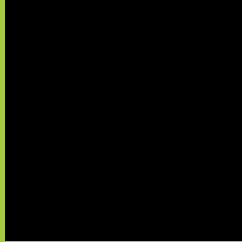
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.3620, 20.3660, -49.7300

Background



This preview shows how black text looks on a background with the YIQ color 176.3620, 20.3660, -49.7300.



This preview shows how white text looks on a background with the YIQ color 176.3620, 20.3660,

-49.7300.

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

176.3620, 20.3660, -49.7300

Protanopia

181.4420, 52.9160, -33.9000

Deuteranopia

184.7030, 65.8430, -20.3730



Tritanopia

188.7200, -10.7750, 2.5450

Trichromacy



Original Color

176.3620, 20.3660, -49.7300

Protanomaly

179.4080, 41.0880, -39.8080

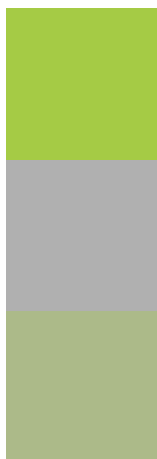
Deuteranomaly

181.5820, 49.7060, -30.7900

Tritanomaly

184.5740, 0.5990, -16.3690

Monochromacy



Original Color

176.3620, 20.3660, -49.7300

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.2280, 7.3850, -18.2070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3620, 20.3660, -49.7300 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(165, 203, 69)` looks like.

```
.text, #text, p{  
    color:rgb(165, 203, 69)  
}
```

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(165, 203, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 203, 69) }
```

Border

The CSS property to change the border of an element to YIQ 176.3620, 20.3660, -49.7300 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(165, 203, 69) }
```


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

```
.border{ border-color:rgb(165, 203, 69) }
```

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

Here you see how a box with a 4 pixel rgb(165, 203, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 203, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 203, 69);  
box-shadow:4px 4px 4px 4px rgb(165, 203,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3620, 20.3660, -49.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 203, 69) }
```

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

```
.background{ background-color: rgb(165,  
203, 69) }
```

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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