

Converting Colors

YIQ(186.1260, 76.2120,
-59.6280)

Have a look what the booklet for
YIQ(186.1260, 76.2120, -59.6280)
contains.

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Color

**YIQ(186.1260, 76.2120,
-59.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	DECC00
RGB	222, 204, 0
RGB Percent	87%, 80%, 0%
CMY	0.1295, 0.2000, 0.9994
CMYK	0.00, 0.08, 1.00, 0.13
HSL	55°, 100%, 44%
HSV	55°, 100%, 87%
XYZ	51.7092, 58.7083, 8.6098
YIQ	186.1260, 76.2120, -59.6280

Conversions

Conversions Part 2

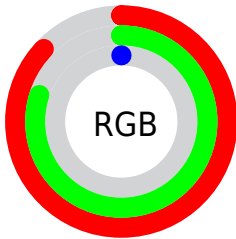
Format	Color
R _Y B	20, 222, 0
Decimal	14601216
CIE Lab	81.13, -10.49, 81.62
CIE LCh	81, 82.295, 97.325
Yxy	58.7083, 0.4344, 0.4932
Android (android.graphics.Color)	4292791296 (0xFFDECC00)
YUV	186.1260, -91.7601, 31.4615
Hunter-Lab	76.6214, -13.6237, 46.9726

Details

The YIQ color **186.1260, 76.2120, -59.6280** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **35.8740, -76.2120, 59.6280**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.6200, 54.5700, -52.8700**, and **136.4880, 55.3020, -44.1060** is the 20% darker color. If you saturate the color by 10%, you get **186.1260, 76.2120, -59.6280**, and if you desaturate by 10%, it is **189.8080, 68.6000, -53.8320**.

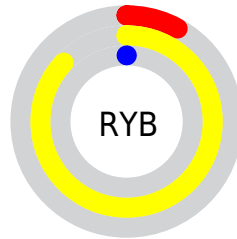
Distribution



Red (87%)

Green (80%)

Blue (0%)



Red (8%)

Yellow (87%)

Blue (0%)

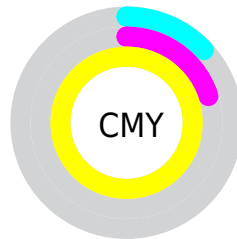


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.1260, 76.2120, -59.6280 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 186.1260, 76.2120, -59.6280 by changing the saturation by 10% instead.

186.1260, 76.2120,
-59.6280

186.1260, 76.2120,
-59.6280

255.0000, -0.0000,
-0.0000

161.3070, 65.7570,
-51.8670

235.6200, 54.5700,
-52.8700

136.4880, 55.3020,
-44.1060

239.0400, 44.9400,
-43.5400

113.1420, 44.8930,
-37.1790

242.3460, 35.6310,
-34.5210

89.7960, 34.4840,
-30.2520

245.6520, 26.3220,
-25.5020

67.3360, 24.3960,
-23.6360

249.0720, 16.6920,
-16.1720

46.6480, 14.9500,
-17.6420

252.3780, 7.3830,

27.1450, 6.4210,

-7.1530

-11.7470

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 186.1260, 76.2120,
-59.6280

■ 189.8080, 68.6000,
-53.8320

■ 193.6040, 60.6670,
-47.7250

■ 196.6990, 53.3300,
-41.4060

■ 200.3810, 45.7180,
-35.6100

■ 204.0630, 38.1060,
-29.8140

■ 207.7450, 30.4940,
-24.0180

■ 211.5410, 22.5610,
-17.9110

■ 214.6360, 15.2240,
-11.5920

■ 218.3180, 7.6120,
-5.7960

Harmonies

Analogous

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



185.0290, 88.1720, -23.0600



186.1260, 76.2120, -59.6280



180.2850, 0.9290, -66.4230

Triad

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



186.1260, 76.2120, -59.6280



167.0150, -146.4800, -43.6000



186.3210, 32.1750, 61.1910

Complementary

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



186.1260, 76.2120, -59.6280



35.8740, -76.2120, 59.6280

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.



198.2060, 6.7330, 37.6850



186.1260, 76.2120, -59.6280



161.1450, -143.7300, -38.3700

Square

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



186.1260, 76.2120, -59.6280



164.6720, -135.7490, -56.3650



148.8180, -137.9550, -27.3870



170.2370, 58.1740, 47.0540

Rectangle

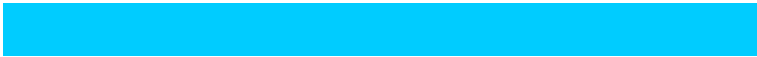
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186.1260, 76.2120, -59.6280



160.7380, -75.3620, -76.9780



148.8180, -137.9550, -27.3870



192.7780, 29.1500, 55.4380

Sweetspot

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



186.1260, 76.2120, -59.6280



242.8140, 26.0460, -20.4980



68.5440, 126.2130, 52.9730



120.4080, 15.8660, -12.2140



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.



186.1260, 76.2120, -59.6280



213.6030, 87.6300, -68.3220



169.1840, 16.4300, -88.5460



110.1590, 3.8060, -2.8980



147.7180, 60.3460, -47.4140



40.7670, 16.2330, -13.3590

Inverse Universe

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



35.8740, -76.2120, 59.6280



41.3970, -87.6300, 68.3220



53.1150, -15.8340, 88.7580



102.8410, -3.8060, 2.8980



28.2820, -60.3460, 47.4140



7.8200, -16.5080, 12.8360

Previews

White Background



This preview shows how the YIQ color 186.1260, 76.2120, -59.6280 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 186.1260, 76.2120, -59.6280 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 186.1260, 76.2120, -59.6280

Background



This preview shows how black text looks on a background with the YIQ color 186.1260, 76.2120, -59.6280.



This preview shows how white text looks on a background with the YIQ color 186.1260, 76.2120, -59.6280.

-59.6280.

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

186.1260, 76.2120, -59.6280

Protanopia

186.4470, 79.7420, -57.5220

Deuteranopia

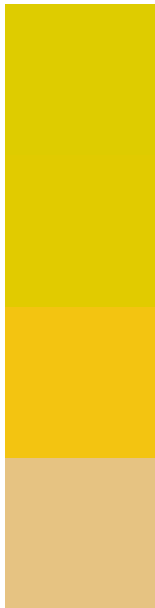
191.4400, 90.7880, -37.4360



Tritanopia

204.7520, 21.7300, 13.6820

Trichromacy



Original Color

186.1260, 76.2120, -59.6280

Protanomaly

186.4360, 78.2750, -58.4690

Deuteranomaly

189.6470, 85.4710, -45.7050

Tritanomaly

198.0550, 41.7250, -12.7950

Monochromacy



Original Color

186.1260, 76.2120, -59.6280

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.2440, 27.6510, -22.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.1260, 76.2120, -59.6280 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(222, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 0)  
}
```

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(222, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 0) }
```

Border

The CSS property to change the border of an element to YIQ 186.1260, 76.2120, -59.6280 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(222, 204, 0) }
```


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

```
.border{ border-color:rgb(222, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 186.1260, 76.2120, -59.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 0) }
```

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

```
.background{ background-color: rgb(222,  
204, 0) }
```

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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