

Converting Colors

YIQ(206.5530, 73.8720,
-50.2560)

Have a look what the booklet for
YIQ(206.5530, 73.8720, -50.2560)
contains.

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Color

**YIQ(206.5530, 73.8720,
-50.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DB27
RGB	246, 219, 39
RGB Percent	96%, 86%, 15%
CMY	0.0353, 0.1412, 0.8466
CMYK	0.00, 0.11, 0.84, 0.04
HSL	52°, 92%, 56%
HSV	52°, 84%, 96%
XYZ	63.6982, 70.3947, 12.1593
YIQ	206.5530, 73.8720, -50.2560

Conversions

Conversions Part 2

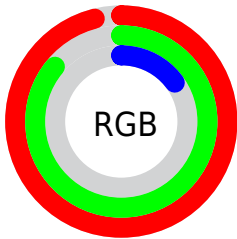
Format	Color
RYB	70, 246, 39
Decimal	16177959
CIELab	87.19, -7.23, 81.60
CIELCh	87, 81.922, 95.063
Yxy	70.3947, 0.4355, 0.4813
Android (android.graphics.Color)	4294368039 (0xFFFF6DB27)
YUV	206.5530, -82.6036, 34.5950
Hunter-Lab	83.9016, -11.3101, 50.1386

Details

The YIQ color **206.5530, 73.8720, -50.2560** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **78.4470, -73.8720, 50.2560**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **237.7860, 48.4710, -46.9610**, and **151.5830, 65.1600, -46.5520** is the 20% darker color. If you saturate the color by 10%, you get **202.0560, 82.4010, -56.1510**, and if you desaturate by 10%, it is **211.1640, 65.0220, -44.0500**.

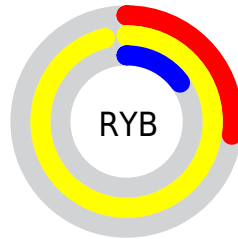
Distribution



Red (96%)

Green (86%)

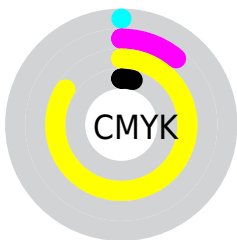
Blue (15%)



Red (27%)

Yellow (96%)

Blue (15%)

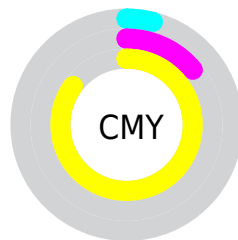


Cyan (0%)

Magenta (11%)

Yellow (84%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.5530, 73.8720, -50.2560 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 206.5530, 73.8720, -50.2560 by changing the saturation by 10% instead.

206.5530, 73.8720,
-50.2560

206.5530, 73.8720,
-50.2560

255.0000, -0.0000,
-0.0000

176.4020, 75.6150,
-54.3130

237.7860, 48.4710,
-46.9610

151.5830, 65.1600,
-46.5520

241.0920, 39.1620,
-37.9420

127.3510, 54.4300,
-39.3140

244.3980, 29.8530,
-28.9230

104.3040, 44.6170,
-32.1750

247.7040, 20.5440,
-19.9040

81.5450, 33.9330,
-25.7710

251.1240, 10.9140,
-10.5740

59.6720, 23.5700,
-19.6780

254.5440, 1.2840,

39.2830, 14.7200,

-1.2440

-13.4720

■ 19.7690, 4.7240,
-8.5240

■ 0.0000, 0.0000,
0.0000

■ 206.5530, 73.8720,
-50.2560

■ 206.5530, 73.8720,
-50.2560

■ 202.0560, 82.4010,
-56.1510

■ 211.1640, 65.0220,
-44.0500

■ 199.1720, 87.7660,
-59.7700

■ 215.6610, 56.4930,
-38.1550

■ 220.8590, 47.3680,
-32.4720

■ 225.4700, 38.5180,
-26.2660

■ 229.9670, 29.9890,
-20.3710

■ 234.5780, 21.1390,
-14.1650

■ 239.0750, 12.6100,
-8.2700

■ 244.2730, 3.4850,
-2.5870

■ 248.2000, -3.4390,
1.7530

Harmonies

Analogous

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



195.8690, 76.9390, -23.2290



206.5530, 73.8720, -50.2560



198.6340, 7.2560, -65.4480

Triad

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



206.5530, 73.8720, -50.2560



178.1680, -151.7050, -53.5370



198.0610, 26.6750, 50.7310

Complementary

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



206.5530, 73.8720, -50.2560



78.4470, -73.8720, 50.2560

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.



212.9360, 7.1930, 29.3450



206.5530, 73.8720, -50.2560



172.2980, -148.9550, -48.3070

Square

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



206.5530, 73.8720, -50.2560



175.9050, -143.9550, -61.8350



166.2500, -130.6640, -32.8720



183.8980, 45.8870, 43.9590

Rectangle

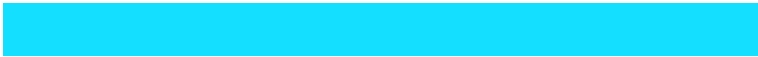
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.5530, 73.8720, -50.2560



185.4260, -56.7480, -72.9080



166.2500, -130.6640, -32.8720



204.5180, 23.6500, 44.9780

Sweetspot

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



206.5530, 73.8720, -50.2560



243.0080, 22.7440, -15.7200



104.0850, 114.3840, 52.5920



120.6190, 13.8940, -9.5140



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.



206.5530, 73.8720, -50.2560



206.5590, 90.9300, -62.0460



199.6780, 21.1510, -80.4890



120.0450, 4.1270, -3.2090



150.7080, 66.3060, -45.2940



47.5780, 21.1390, -14.1650

Inverse Universe

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



78.4470, -73.8720, 50.2560



48.4410, -90.9300, 62.0460



85.3220, -21.1510, 80.4890



112.5420, -4.4020, 2.6860



35.2920, -66.3060, 45.2940



11.4220, -21.1390, 14.1650

Previews

White Background



This preview shows how the YIQ color 206.5530, 73.8720, -50.2560 looks on a white background.

Color Contrast Check

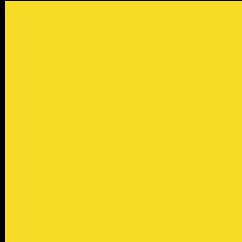
Large Text (above 18pt) WCAG AA × Fail

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 206.5530, 73.8720, -50.2560 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 206.5530, 73.8720, -50.2560

Background



This preview shows how black text looks on a background with the YIQ color 206.5530, 73.8720, -50.2560.



This preview shows how white text looks on a background with the YIQ color 206.5530, 73.8720, -50.2560.

-50.2560.

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

206.5530, 73.8720, -50.2560

Protanopia

206.5530, 73.8720, -50.2560

Deuteranopia

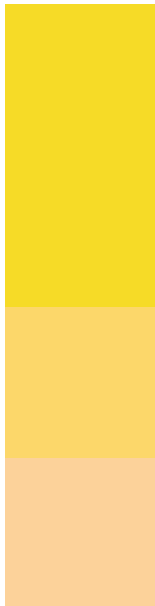
217.2190, 47.1350, -11.7210



Tritanopia

221.6600, 24.9850, 15.2650

Trichromacy



Original Color

206.5530, 73.8720, -50.2560

Protanomaly

206.5530, 73.8720, -50.2560

Deuteranomaly

213.6370, 57.0410, -26.0550

Tritanomaly

216.1740, 43.0080, -8.5120

Monochromacy



Original Color

206.5530, 73.8720, -50.2560

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.5800, 26.8250, -18.0950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.5530, 73.8720, -50.2560 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(246, 219, 39)` looks like.

```
.text, #text, p{  
    color:rgb(246, 219, 39)  
}
```

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(246, 219, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 219, 39) }
```

Border

The CSS property to change the border of an element to YIQ 206.5530, 73.8720, -50.2560 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(246, 219, 39) }
```


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

```
.border{ border-color:rgb(246, 219, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 219, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 219, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 219, 39);  
box-shadow:4px 4px 4px 4px rgb(246, 219,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 206.5530, 73.8720, -50.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 219, 39) }
```

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

```
.background{ background-color: rgb(246,  
219, 39) }
```

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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