

Converting Colors

YIQ(201.9980, 61.9530,
-60.0230)

Have a look what the booklet for
YIQ(201.9980, 61.9530, -60.0230)
contains.

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Color

**YIQ(201.9980, 61.9530,
-60.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E01F
RGB	224, 224, 31
RGB Percent	88%, 88%, 12%
CMY	0.1217, 0.1215, 0.8780
CMYK	0.00, 0.00, 0.86, 0.12
HSL	60°, 76%, 50%
HSV	60°, 86%, 88%
XYZ	57.6351, 69.2529, 11.6328
YIQ	201.9980, 61.9530, -60.0230

Conversions

Conversions Part 2

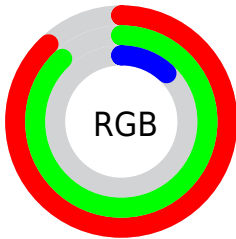
Format	Color
R_{YB}	31, 224, 31
Decimal	14737439
CIE _{Lab}	86.63, -19.16, 82.05
CIE _{LCh}	87, 84.253, 103.144
Yxy	69.2529, 0.4161, 0.4999
Android (android.graphics.Color)	4292927519 (0xFFE0E01F)
YUV	201.9980, -84.3020, 19.2958
Hunter-Lab	83.2183, -22.0070, 49.9649

Details

The YIQ color **201.9980, 61.9530, -60.0230** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **53.0020, -61.9530, 60.0230**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **237.3300, 49.7550, -48.2050**, and **148.2390, 51.2690, -53.6190** is the 20% darker color. If you saturate the color by 10%, you get **199.4900, 69.0150, -66.8650**, and if you desaturate by 10%, it is **204.6200, 54.5700, -52.8700**.

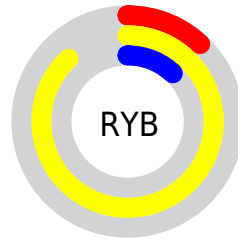
Distribution



Red (88%)

Green (88%)

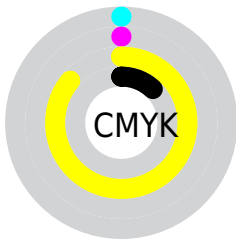
Blue (12%)



Red (12%)

Yellow (88%)

Blue (12%)

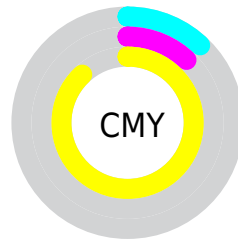


Cyan (0%)

Magenta (0%)

Yellow (86%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9980, 61.9530, -60.0230 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 201.9980, 61.9530, -60.0230 by changing the saturation by 10% instead.

201.9980, 61.9530,
-60.0230

201.9980, 61.9530,
-60.0230

255.0000, -0.0000,
-0.0000

173.0580, 61.7240,
-61.3800

237.3300, 49.7550,
-48.2050

148.2390, 51.2690,
-53.6190

240.6360, 40.4460,
-39.1860

124.3060, 41.1350,
-46.1690

243.9420, 31.1370,
-30.1670

100.6720, 31.5970,
-38.5070

247.3620, 21.5070,
-20.8370

78.2120, 21.5090,
-31.8910

250.6680, 12.1980,
-11.8180

55.7520, 11.4210,
-25.2750

254.0880, 2.5680,

35.0640, 1.9750,

-2.4880

-19.2810

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 201.9980, 61.9530,
-60.0230

■ 201.9980, 61.9530,
-60.0230

■ 199.4900, 69.0150,
-66.8650

■ 204.6200, 54.5700,
-52.8700

■ 198.4640, 71.9040,
-69.6640

■ 207.1280, 47.5080,
-46.0280

■ 209.6360, 40.4460,
-39.1860

■ 212.2580, 33.0630,
-32.0330

■ 214.7660, 26.0010,
-25.1910

■ 217.3880, 18.6180,
-18.0380

■ 219.8960, 11.5560,
-11.1960

■ 222.4040, 4.4940,
-4.3540

■ 225.0260, -2.8890,
2.7990

Harmonies

Analogous

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



196.8830, 82.3510, -33.2090



201.9980, 61.9530, -60.0230



192.1950, -16.4930, -70.0690

Triad

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



201.9980, 61.9530, -60.0230



176.4070, -150.8800, -51.9680



191.6040, 29.7000, 56.4840

Complementary

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



201.9980, 61.9530, -60.0230



53.0020, -61.9530, 60.0230

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.



210.9750, 20.6250, 39.2250



201.9980, 61.9530, -60.0230



168.7760, -147.3050, -45.1690

Square

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



201.9980, 61.9530, -60.0230



178.2990, -150.6960, -55.3040



189.6710, -70.9730, -7.8130



178.9280, 54.3700, 38.8980

Rectangle

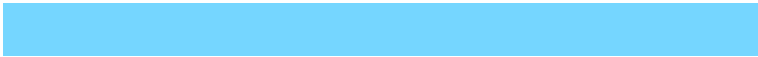
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201.9980, 61.9530, -60.0230



162.2370, -113.7360, -86.3760



189.6710, -70.9730, -7.8130



196.8870, 27.2250, 51.7770

Sweetspot

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



201.9980, 61.9530, -60.0230



247.4760, 21.1860, -20.5260



88.7070, 115.0280, 40.9160



123.1410, 12.2440, -12.6520



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.



201.9980, 61.9530, -60.0230



225.9300, 81.8550, -79.3050



173.2940, 4.7370, -80.3750



110.7460, 3.5310, -3.4210



155.9360, 56.4960, -54.7360



42.5280, 15.4080, -14.9280

Inverse Universe

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



53.0020, -61.9530, 60.0230



29.0700, -81.8550, 79.3050



82.0050, -4.1410, 80.5870



102.2540, -3.5310, 3.4210



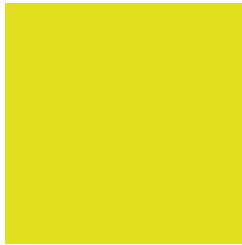
20.0640, -56.4960, 54.7360



5.4720, -15.4080, 14.9280

Previews

White Background



This preview shows how the YIQ color 201.9980, 61.9530, -60.0230 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 201.9980, 61.9530, -60.0230 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 201.9980, 61.9530, -60.0230

Background



This preview shows how black text looks on a background with the YIQ color 201.9980, 61.9530, -60.0230.



This preview shows how white text looks on a background with the YIQ color 201.9980, 61.9530,

-60.0230.

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

201.9980, 61.9530, -60.0230

Protanopia

203.6410, 76.4400, -52.7440

Deuteranopia

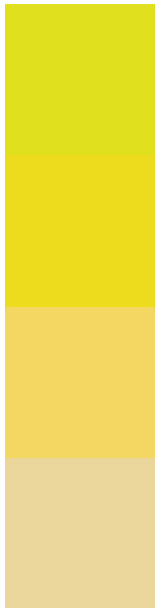
214.6600, 50.2070, -12.3290



Tritanopia

219.2070, 13.0190, 11.8590

Trichromacy



Original Color

201.9980, 61.9530, -60.0230

Protanomaly

203.4230, 71.1220, -55.4860

Deuteranomaly

209.8600, 54.7950, -29.4050

Tritanomaly

213.1400, 31.1800, -14.4200

Monochromacy



Original Color

201.9980, 61.9530, -60.0230

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0200, 22.4700, -21.7700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9980, 61.9530, -60.0230 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(224, 224, 31)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 31)  
}
```

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(224, 224, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 31) }
```

Border

The CSS property to change the border of an element to YIQ 201.9980, 61.9530, -60.0230 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(224, 224, 31) }
```


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

```
.border{ border-color:rgb(224, 224, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 31);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9980, 61.9530, -60.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 31) }
```

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

```
.background{ background-color: rgb(224,  
224, 31) }
```

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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