

Converting Colors

YIQ(201.7800, 56.6350,
-62.7650)

Have a look what the booklet for
YIQ(201.7800, 56.6350, -62.7650)
contains.

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Color

**YIQ(201.7800, 56.6350,
-62.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E320
RGB	217, 227, 32
RGB Percent	85%, 89%, 13%
CMY	0.1492, 0.1098, 0.8741
CMYK	0.04, 0.00, 0.86, 0.11
HSL	63°, 78%, 51%
HSV	63°, 86%, 89%
XYZ	56.3364, 69.7910, 11.8751
YIQ	201.7800, 56.6350, -62.7650

Conversions

Conversions Part 2

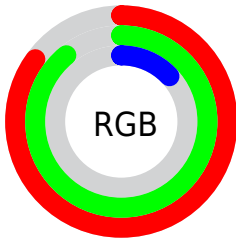
Format	Color
R _Y B	32, 227, 42
Decimal	14279456
CIE Lab	86.89, -23.51, 81.85
CIE LCh	87, 85.157, 106.023
Yxy	69.7910, 0.4082, 0.5057
Android (android.graphics.Color)	4292469536 (0xFFD9E320)
YUV	201.7800, -83.7015, 13.3479
Hunter-Lab	83.5410, -25.8243, 50.0508

Details

The YIQ color **201.7800, 56.6350, -62.7650** 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 **57.2200, -56.6350, 62.7650**, 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 **148.2060, 46.8680, -56.4600** is the 20% darker color. If you saturate the color by 10%, you get **198.8590, 63.4220, -70.1300**, and if you desaturate by 10%, it is **204.7010, 49.8480, -55.4000**.

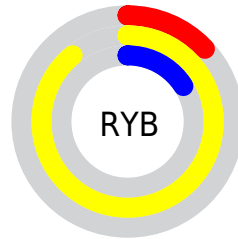
Distribution



Red (85%)

Green (89%)

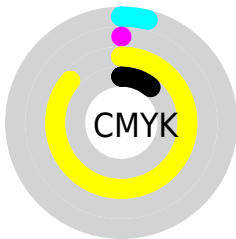
Blue (13%)



Red (13%)

Yellow (89%)

Blue (16%)

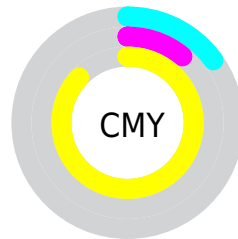


Cyan (4%)

Magenta (0%)

Yellow (86%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.7800, 56.6350, -62.7650 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 201.7800, 56.6350, -62.7650 by changing the saturation by 10% instead.

201.7800, 56.6350,
-62.7650

201.7800, 56.6350,
-62.7650

255.0000, -0.0000,
-0.0000

172.7260, 56.7270,
-64.4330

237.3300, 49.7550,
-48.2050

148.2060, 46.8680,
-56.4600

240.7500, 40.1250,
-38.8750

123.6860, 37.0090,
-48.4870

244.0560, 30.8160,
-29.8560

100.6390, 27.1960,
-41.3480

247.3620, 21.5070,
-20.8370

77.2930, 16.7870,
-34.4210

250.7820, 11.8770,
-11.5070

55.1320, 7.2950,
-27.5930

254.2020, 2.2470,

33.8460, -3.3430,

-2.1770

-22.0230

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 201.7800, 56.6350,
-62.7650

■ 201.7800, 56.6350,
-62.7650

■ 198.8590, 63.4220,
-70.1300

■ 204.7010, 49.8480,
-55.4000

■ 197.5340, 65.7150,
-73.1410

■ 207.6220, 43.0610,
-48.0350

■ 210.4290, 36.5950,
-40.9810

■ 213.6490, 30.4040,
-33.4040

■ 216.5700, 23.6170,
-26.0390

■ 219.3770, 17.1510,
-18.9850

■ 222.2980, 10.3640,
-11.6200

■ 225.2190, 3.5770,
-4.2550

■ 228.0260, -2.8890,
2.7990

Harmonies

Analogous

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



198.3190, 83.8190, -37.7890



201.7800, 56.6350, -62.7650



190.4650, -26.1210, -71.7930

Triad

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



201.7800, 56.6350, -62.7650



176.4070, -150.8800, -51.9680



189.8430, 30.5250, 58.0530

Complementary

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



201.7800, 56.6350, -62.7650



57.2200, -56.6350, 62.7650

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.



208.6270, 21.7250, 41.3170



201.7800, 56.6350, -62.7650



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.



201.7800, 56.6350, -62.7650



178.7550, -151.9800, -54.0600



194.7760, -57.9070, -2.3150



178.7170, 56.3420, 36.1980

Rectangle

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



201.7800, 56.6350, -62.7650



164.2090, -116.5330, -85.2450



194.7760, -57.9070, -2.3150



195.1260, 28.0500, 53.3460

Sweetspot

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



201.7800, 56.6350, -62.7650



246.5790, 19.3980, -21.1620



96.1750, 113.4700, 36.1100



122.5430, 11.0520, -13.0760



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.



201.7800, 56.6350, -62.7650



222.0430, 74.1070, -82.0610



172.7770, -1.1770, -83.3290



113.3330, 3.2560, -3.9440



155.6040, 51.4990, -57.7890



44.2890, 14.5830, -16.4970

Inverse Universe

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



57.2200, -56.6350, 62.7650



32.9570, -74.1070, 82.0610



86.2230, 1.1770, 83.3290



104.6670, -3.2560, 3.9440



23.0970, -52.0950, 57.5770



6.7110, -14.5830, 16.4970

Previews

White Background



This preview shows how the YIQ color 201.7800, 56.6350, -62.7650 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 201.7800, 56.6350, -62.7650 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 201.7800, 56.6350, -62.7650

Background



This preview shows how black text looks on a background with the YIQ color 201.7800, 56.6350, -62.7650.



This preview shows how white text looks on a background with the YIQ color 201.7800, 56.6350, -62.7650.

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

201.7800, 56.6350, -62.7650

Protanopia

204.5270, 76.7610, -53.0550

Deuteranopia

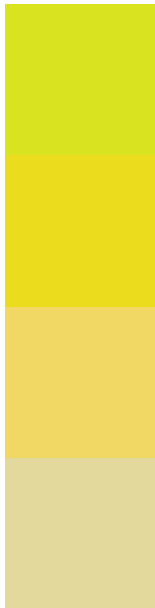
215.5890, 48.9690, -11.9190



Tritanopia

219.5160, 7.6550, 9.9510

Trichromacy



Original Color

201.7800, 56.6350, -62.7650

Protanomaly

203.4120, 69.6550, -56.4330

Deuteranomaly

210.3650, 51.8150, -30.4650

Tritanomaly

213.1500, 25.2200, -16.5400

Monochromacy



Original Color

201.7800, 56.6350, -62.7650

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.7100, 20.4070, -22.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.7800, 56.6350, -62.7650 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(217, 227, 32)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 32)  
}
```

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(217, 227, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 32) }
```

Border

The CSS property to change the border of an element to YIQ 201.7800, 56.6350, -62.7650 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(217, 227, 32) }
```


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

```
.border{ border-color:rgb(217, 227, 32) }
```

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

Here you see how a box with a 4 pixel rgb(217, 227, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 32);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 201.7800, 56.6350, -62.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 32) }
```

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

```
.background{ background-color: rgb(217,  
227, 32) }
```

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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