

Converting Colors

YIQ(227.7600, 42.1920,
-59.8240)

Have a look what the booklet for
YIQ(227.7600, 42.1920, -59.8240)
contains.

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Color

**YIQ(227.7600, 42.1920,
-59.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FF4F
RGB	231, 255, 79
RGB Percent	91%, 100%, 31%
CMY	0.0943, 0.0000, 0.6899
CMYK	0.09, 0.00, 0.69, 0.00
HSL	68°, 100%, 66%
HSV	68°, 69%, 100%
XYZ	70.1154, 89.0675, 20.9082
YIQ	227.7600, 42.1920, -59.8240

Conversions

Conversions Part 2

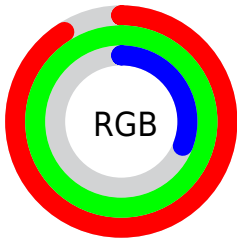
Format	Color
R_{YB}	79, 255, 103
Decimal	15204175
CIE _{Lab}	95.61, -29.29, 77.04
CIE _{LCh}	96, 82.424, 110.816
Yxy	89.0675, 0.3893, 0.4946
Android (android.graphics.Color)	4293394255 (0xFFE7FF4F)
YUV	227.7600, -73.3387, 2.8415
Hunter-Lab	94.3756, -32.5425, 52.9276

Details

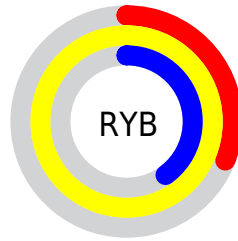
The YIQ color **227.7600, 42.1920, -59.8240** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **106.2400, -42.1920, 59.8240**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5480, 37.8780, -36.6980**, and **167.6540, 48.0620, -67.0900** is the 20% darker color. If you saturate the color by 10%, you get **223.7140, 47.8330, -68.4470**, and if you desaturate by 10%, it is **231.6210, 35.6340, -51.1020**.

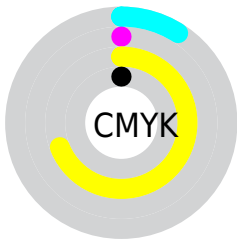
Distribution



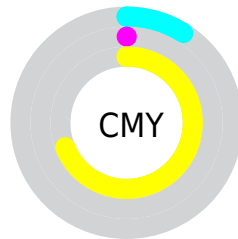
- Red (91%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (40%)



- Cyan (9%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.7600, 42.1920, -59.8240 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 227.7600, 42.1920, -59.8240 by changing the saturation by 10% instead.

227.7600, 42.1920,
-59.8240

227.7600, 42.1920,
-59.8240

255.0000, -0.0000,
-0.0000

198.0050, 42.8800,
-61.2800

241.6620, 37.5570,
-36.3870

167.6540, 48.0620,
-67.0900

244.8540, 28.5690,
-27.6790

143.1340, 38.2030,
-59.1170

248.2740, 18.9390,
-18.3490

119.2010, 28.0690,
-51.6670

251.5800, 9.6300,
-9.3300

95.5670, 18.5310,
-44.0050

72.5200, 8.7180,
-36.8660

49.7610, -1.9660,

-30.4620

■ 27.5890, -12.9250,
-24.5810

■ 16.4360, -7.7000,
-14.6440

■ 227.7600, 42.1920,
-59.8240

■ 227.7600, 42.1920,
-59.8240

■ 223.7140, 47.8330,
-68.4470

■ 231.6210, 35.6340,
-51.1020

■ 219.8530, 54.3910,
-77.1690

■ 235.6670, 29.9930,
-42.4790

■ 216.1060, 60.6280,
-85.5800

■ 239.5280, 23.4350,
-33.7570

■ 215.4650, 60.9950,
-86.7250

■ 243.5740, 17.7940,
-25.1340

■ 247.4350, 11.2360,
-16.4120

■ 251.4810, 5.5950,
-7.7890

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



219.5770, 65.2970, -43.5270



227.7600, 42.1920, -59.8240



204.6570, -35.1090, -63.0850

Triad

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



227.7600, 42.1920, -59.8240



178.7550, -151.9800, -54.0600



205.6920, 23.1000, 43.9320

Complementary

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



227.7600, 42.1920, -59.8240



106.2400, -42.1920, 59.8240

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.



220.9540, 15.9500, 30.3340



227.7600, 42.1920, -59.8240



178.7550, -151.9800, -54.0600

Square

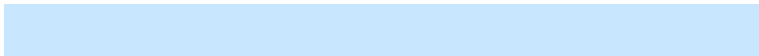
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.7600, 42.1920, -59.8240



178.7550, -151.9800, -54.0600



224.4670, -26.1800, 0.8920



198.8690, 43.6900, 23.1940

Rectangle

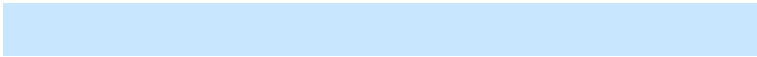
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.7600, 42.1920, -59.8240



171.0030, -130.1520, -75.2080



224.4670, -26.1800, 0.8920



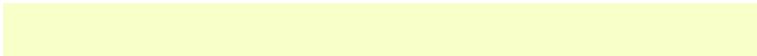
209.8010, 21.1750, 40.2710

Sweetspot

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



227.7600, 42.1920, -59.8240



246.7510, 13.1620, -18.2780



145.7120, 98.2960, 24.7600



122.8570, 7.2920, -11.0120



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.



227.7600, 42.1920, -59.8240



222.1610, 50.7680, -72.0800



201.7470, -9.6600, -78.2680



125.9200, 2.9810, -4.4670



161.4520, 45.8150, -64.9130



54.0130, 15.1800, -21.8120

Inverse Universe

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



106.2400, -42.1920, 59.8240



75.8390, -50.7680, 72.0800



132.2530, 9.6600, 78.2680



116.7810, -3.5770, 4.2550



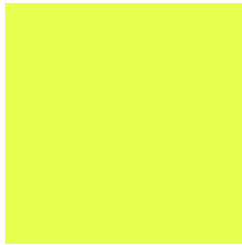
29.5480, -45.8150, 64.9130



9.9870, -15.1800, 21.8120

Previews

White Background



This preview shows how the YIQ color 227.7600, 42.1920, -59.8240 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 227.7600, 42.1920, -59.8240 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 227.7600, 42.1920, -59.8240

Background



This preview shows how black text looks on a background with the YIQ color 227.7600, 42.1920, -59.8240.



This preview shows how white text looks on a background with the YIQ color 227.7600, 42.1920,

-59.8240.

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

227.7600, 42.1920, -59.8240

Protanopia

240.1870, 23.7980, -12.7940

Deuteranopia

242.4330, 14.7180, -2.4180



Tritanopia

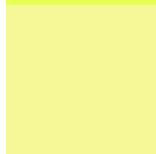
243.5150, 0.2280, 6.8840

Trichromacy



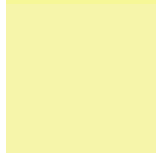
Original Color

227.7600, 42.1920, -59.8240



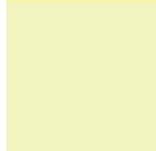
Protanomaly

235.7570, 30.2200, -30.0680



Deuteranomaly

236.7490, 24.6710, -23.1130



Tritanomaly

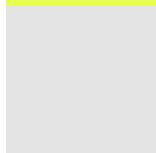
237.9470, 15.5460, -17.4300

Monochromacy



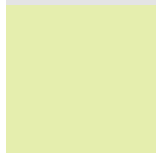
Original Color

227.7600, 42.1920, -59.8240



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.0130, 15.1800, -21.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.7600, 42.1920, -59.8240 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(231, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 79)  
}
```

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(231, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 79) }
```

Border

The CSS property to change the border of an element to YIQ 227.7600, 42.1920, -59.8240 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(231, 255, 79) }
```


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

```
.border{ border-color:rgb(231, 255, 79) }
```

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

Here you see how a box with a 4 pixel rgb(231, 255, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 227.7600, 42.1920, -59.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 79) }
```

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

```
.background{ background-color: rgb(231,  
255, 79) }
```

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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