

Converting Colors

YIQ(28.1820, 6.1400, 20.8920)

Have a look what the booklet for
YIQ(28.1820, 6.1400, 20.8920)
contains.

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Color

**YIQ(28.1820, 6.1400,
20.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0D39
RGB	47, 13, 57
RGB Percent	18%, 5%, 22%
CMY	0.8156, 0.9491, 0.7765
CMYK	0.17, 0.77, 0.00, 0.78
HSL	286°, 63%, 14%
HSV	286°, 77%, 22%
XYZ	2.0558, 1.1879, 3.9915
YIQ	28.1820, 6.1400, 20.8920

Conversions

Conversions Part 2

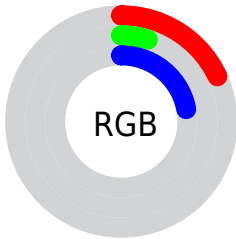
Format	Color
R_{YB}	47, 13, 57
Decimal	3083577
CIE _{Lab}	10.47, 25.23, -20.81
CIE _{LCh}	10, 32.698, 320.485
Yxy	1.1879, 0.2841, 0.1642
Android (android.graphics.Color)	4281273657 (0xFF2F0D39)
YUV	28.1820, 14.2073, 16.5034
Hunter-Lab	10.8989, 14.5958, -14.0845

Details

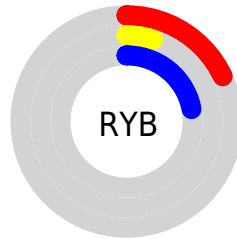
The YIQ color **28.1820, 6.1400, 20.8920** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.8180, -6.1400, -20.8920**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3070, 7.2860, 22.1500**, and **1.2540, -3.5310, 3.4210** is the 20% darker color. If you saturate the color by 10%, you get **24.3610, 7.1940, 23.8180**, and if you desaturate by 10%, it is **32.0030, 5.0860, 17.9660**.

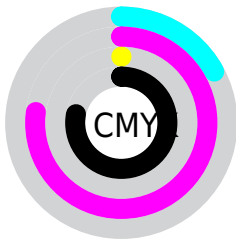
Distribution



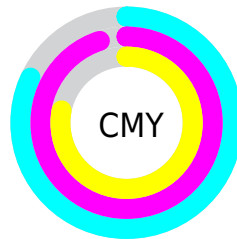
- Red (18%)
- Green (5%)
- Blue (22%)



- Red (18%)
- Yellow (5%)
- Blue (22%)



- Cyan (17%)
- Magenta (77%)
- Yellow (0%)
- Black (78%)





- Cyan (82%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.1820, 6.1400, 20.8920 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 28.1820, 6.1400, 20.8920 by changing the saturation by 10% instead.


 28.1820, 6.1400,
20.8920


 28.1820, 6.1400,
20.8920

 246.7820, 3.8500,
7.3220

 13.0740, 6.3240,
17.5560


 74.3070, 7.2860,
22.1500


 1.2540, -3.5310,
3.4210

 98.2470, 7.5150,
23.5070

 0.0000, 0.0000,
0.0000


 123.6600, 7.7900,
24.0300


 149.4860, 8.3400,
25.0760


 176.7850, 8.9360,
25.2880


 204.3120, 8.8900,


26.1220

 230.3460, 11.5500,
21.9660

 28.1820, 6.1400,
20.8920

 28.1820, 6.1400,
20.8920

 24.3610, 7.1940,
23.8180


 32.0030, 5.0860,
17.9660


 20.8280, 7.3770,
26.0090

 35.5360, 4.9030,
15.7750

 19.6540, 7.9270,
27.0550

 39.3570, 3.8490,
12.8490

 43.1780, 2.7950,
9.9230

 46.4120, 2.0160,
7.5200

■ 50.5320, 1.5580,
4.8060

■ 54.3530, 0.5040,
1.8800

■ 58.1740, -0.5500,
-1.0460

■ 61.7070, -0.7330,
-3.2370

Harmonies

Analogous

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



23.6550, -29.3450, 8.6950



28.1820, 6.1400, 20.8920



22.9410, 25.9920, 24.5520

Triad

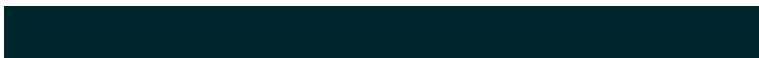
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1820, 6.1400, 20.8920



27.5320, 18.7530, -3.9590



27.7950, -24.5280, -7.0240

Complementary

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



28.1820, 6.1400, 20.8920



41.8180, -6.1400, -20.8920

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.



24.5860, -16.8700, -13.6540



28.1820, 6.1400, 20.8920



25.6610, 4.9080, -11.8600

Square

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



28.1820, 6.1400, 20.8920



24.9730, 30.9930, 5.4970



21.1320, -9.9000, -18.8280



28.9010, -30.3980, 0.2420

Rectangle

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



28.1820, 6.1400, 20.8920



22.2420, 32.2740, 20.8340



21.1320, -9.9000, -18.8280



26.9970, -22.2810, -9.2010

Sweetspot

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



28.1820, 6.1400, 20.8920



62.8250, 2.2910, 8.0430



23.8860, -16.8740, 8.4540



31.5320, 1.5580, 4.8060



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1820, 6.1400, 20.8920



28.7130, 9.4390, 32.6950



29.8040, 15.9520, 19.2800



25.9400, 0.2290, 1.3570



31.7170, 12.7840, 43.6640



75.7960, 31.0210, 104.1490

Inverse Universe

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



27.2960, 23.0140, 12.4380



27.4550, 35.9880, 19.6040



40.1960, -15.9520, -19.2800



26.0110, 1.4670, 0.9470



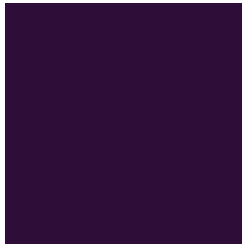
29.9020, 48.0910, 26.0350



71.1810, 114.4740, 61.9780

Previews

White Background



This preview shows how the YIQ color 28.1820, 6.1400, 20.8920 looks on a white background.

Color Contrast Check

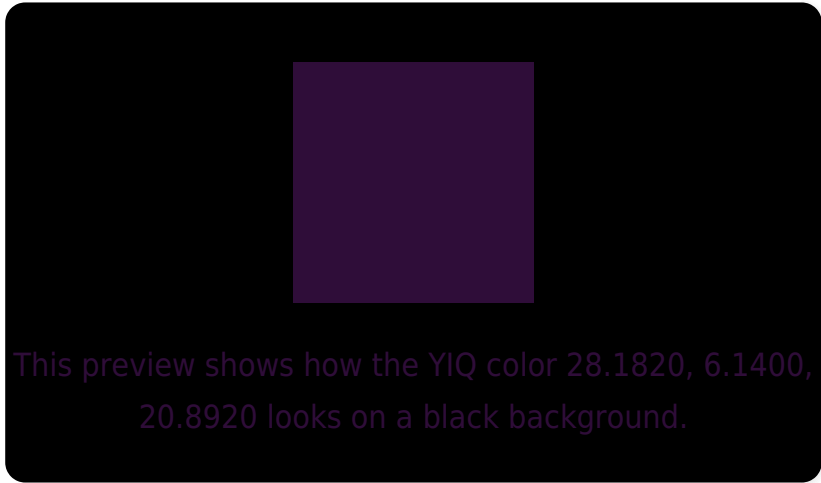
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

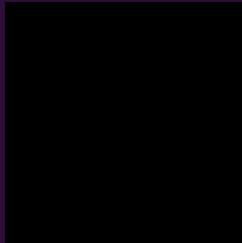
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 28.1820, 6.1400, 20.8920

Background



This preview shows how black text looks on a background with the YIQ color 28.1820, 6.1400, 20.8920.



This preview shows how white text looks on a background with the YIQ color 28.1820, 6.1400,

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

28.1820, 6.1400, 20.8920

Protanopia

23.9770, -27.5560, 3.8040

Deuteranopia

25.8480, -22.8790, 1.6410



Tritanopia

30.6100, 10.0860, 4.4380

Trichromacy



Original Color

28.1820, 6.1400, 20.8920

Protanomaly

25.4240, -15.4530, 10.2350

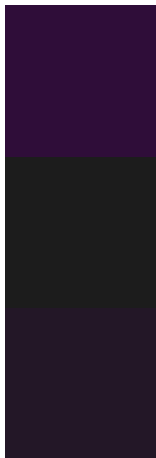
Deuteranomaly

26.3380, -12.3350, 8.7930

Tritanomaly

29.8150, 8.2510, 10.1630

Monochromacy



Original Color

28.1820, 6.1400, 20.8920

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.4120, 2.0160, 7.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.1820, 6.1400, 20.8920 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(47, 13, 57)` looks like.

```
.text, #text, p{  
    color:rgb(47, 13, 57)  
}
```

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(47, 13, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 13, 57) }
```

Border

The CSS property to change the border of an element to YIQ 28.1820, 6.1400, 20.8920 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(47, 13, 57) }
```


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

```
.border{ border-color:rgb(47, 13, 57) }
```

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

Here you see how a box with a 4 pixel rgb(47, 13, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 13, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 13, 57);  
box-shadow:4px 4px 4px 4px rgb(47, 13, 57)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.1820, 6.1400, 20.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 13, 57) }
```

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

```
.background{ background-color: rgb(47, 13,  
57) }
```

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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