

Converting Colors

YIQ(20.0630, 4.8570, 16.6090)

Have a look what the booklet for
YIQ(20.0630, 4.8570, 16.6090)
contains.

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Color

**YIQ(20.0630, 4.8570,
16.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	23082B
RGB	35, 8, 43
RGB Percent	14%, 3%, 17%
CMY	0.8627, 0.9687, 0.8314
CMYK	0.19, 0.81, 0.00, 0.83
HSL	286°, 69%, 10%
HSV	286°, 81%, 17%
XYZ	1.2166, 0.7055, 2.3574
YIQ	20.0630, 4.8570, 16.6090

Conversions

Conversions Part 2

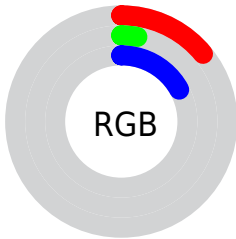
Format	Color
R_{YB}	35, 8, 43
Decimal	2295851
CIE Lab	6.37, 20.53, -17.17
CIE LCh	6, 26.759, 320.089
Yxy	0.7055, 0.2843, 0.1649
Android (android.graphics.Color)	4280485931 (0xFF23082B)
YUV	20.0630, 11.3079, 13.0997
Hunter-Lab	8.3996, 11.1547, -10.7601

Details

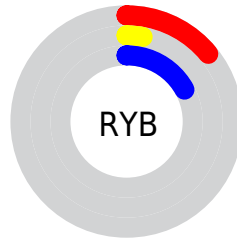
The YIQ color **20.0630, 4.8570, 16.6090** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30.9370, -4.8570, -16.6090**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **64.8890, 5.4070, 17.6550**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.4160, 5.3610, 18.4890**, and if you desaturate by 10%, it is **22.7100, 4.3530, 14.7290**.

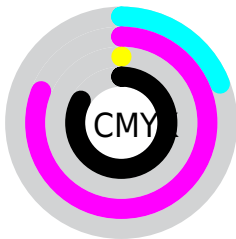
Distribution



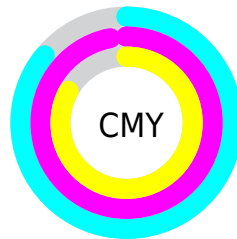
- Red (14%)
- Green (3%)
- Blue (17%)



- Red (14%)
- Yellow (3%)
- Blue (17%)



- Cyan (19%)
- Magenta (81%)
- Yellow (0%)
- Black (83%)



- Cyan (86%)
- Magenta (97%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.0630, 4.8570, 16.6090 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 20.0630, 4.8570, 16.6090 by changing the saturation by 10% instead.

■ 20.0630, 4.8570,
16.6090

■ 20.0630, 4.8570,
16.6090

■ 241.4990, 6.3250,
12.0290

■ 2.5080, -7.0620,
6.8420

■ 64.8890, 5.4070,
17.6550

■ 0.0000, 0.0000,
0.0000

■ 88.3020, 5.6820,
18.1780


■ 113.1280, 6.2320,
19.2240


■ 138.5410, 6.5070,
19.7470


■ 164.9540, 6.7820,
20.2700


■ 192.3670, 7.0570,


20.7930


 220.1930, 7.6070,
21.8390

 20.0630, 4.8570,
16.6090


 20.0630, 4.8570,
16.6090


 17.4160, 5.3610,
18.4890


 22.7100, 4.3530,
14.7290

 14.7690, 5.8650,
20.3690

 25.9440, 3.5740,
12.3260

 28.5910, 3.0700,
10.4460

 31.2380, 2.5660,
8.5660

 33.8850, 2.0620,
6.6860

■ 37.1190, 1.2830,
4.2830

■ 39.7660, 0.7790,
2.4030

■ 42.4130, 0.2750,
0.5230

■ 45.6470, -0.5040,
-1.8800

Harmonies

Analogous

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



17.3200, -21.0920, 7.8040



20.0630, 4.8570, 16.6090



17.4300, 19.9410, 18.5730

Triad

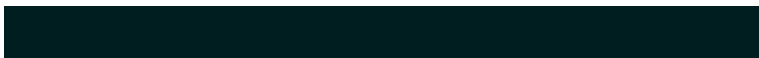
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.0630, 4.8570, 16.6090



19.5470, 14.3970, -2.1070



21.2580, -18.5220, -5.7380

Complementary

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



20.0630, 4.8570, 16.6090



30.9370, -4.8570, -16.6090

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.



18.8640, -11.7810, -12.2690



20.0630, 4.8570, 16.6090



17.6760, 0.5520, -10.0080

Square

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



20.0630, 4.8570, 16.6090



17.8520, 24.0240, 5.1440



16.4360, -7.7000, -14.6440



22.3810, -23.0620, -0.5500

Rectangle

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



20.0630, 4.8570, 16.6090



16.7310, 26.2230, 14.8550



16.4360, -7.7000, -14.6440



21.1610, -16.8710, -8.1270

Sweetspot

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



20.0630, 4.8570, 16.6090



47.4720, 1.7870, 6.1630



16.6860, -13.4350, 6.7010



22.7060, 1.0080, 3.7600



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



20.0630, 4.8570, 16.6090



20.1270, 7.9730, 26.2210



21.4290, 12.5140, 15.5060



18.8260, 0.5500, 1.0460



29.0110, 11.7760, 39.9040



72.9050, 29.0960, 100.4880

Inverse Universe

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



19.3770, 18.2920, 9.9080



18.9270, 28.6070, 15.7030



29.5710, -12.5140, -15.5060



18.7120, 0.8710, 0.7350



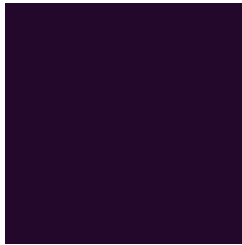
27.2820, 43.9650, 23.7170



68.8600, 110.9440, 59.8720

Previews

White Background



This preview shows how the YIQ color 20.0630, 4.8570, 16.6090 looks on a white background.

Color Contrast Check

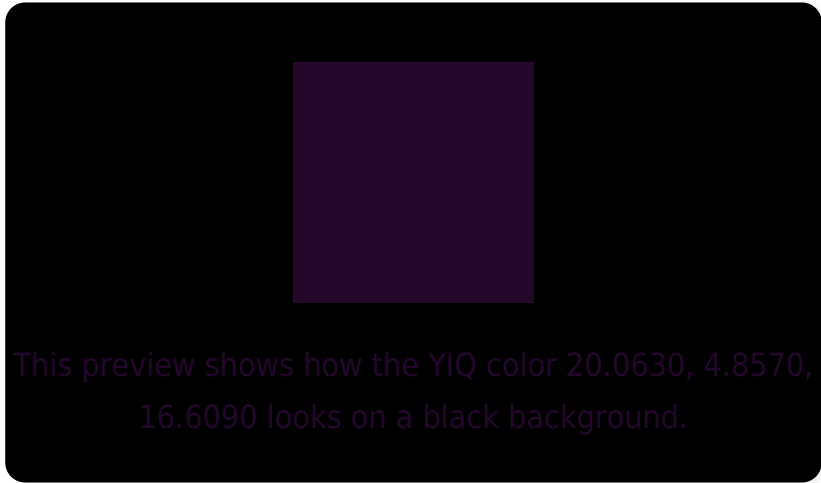
Large Text (above 18pt) WCAG AA ✓ Pass

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

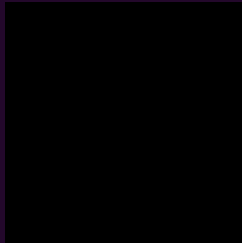
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.0630, 4.8570, 16.6090

Background



This preview shows how black text looks on a background with the YIQ color 20.0630, 4.8570, 16.6090.



This preview shows how white text looks on a background with the YIQ color 20.0630, 4.8570,

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

20.0630, 4.8570, 16.6090

Protanopia

17.4570, -20.2200, 3.0120

Deuteranopia

18.0610, -19.1650, 0.4110



Tritanopia

22.3000, 8.0230, 3.2790

Trichromacy



Original Color

20.0630, 4.8570, 16.6090

Protanomaly

18.2950, -10.7760, 8.0720

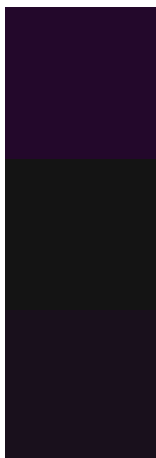
Deuteranomaly

19.1270, -10.3630, 6.0930

Tritanomaly

21.2770, 6.8300, 8.3820

Monochromacy



Original Color

20.0630, 4.8570, 16.6090

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

20.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.0630, 4.8570, 16.6090 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(35, 8, 43)` looks like.

```
.text, #text, p{  
    color:rgb(35, 8, 43)  
}
```

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(35, 8, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 8, 43) }
```

Border

The CSS property to change the border of an element to YIQ 20.0630, 4.8570, 16.6090 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(35, 8, 43) }
```


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

```
.border{ border-color:rgb(35, 8, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 8, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 8, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 8, 43); box-shadow:4px  
4px 4px 4px rgb(35, 8, 43) }
```

Background

The CSS property to change the background color of an element to YIQ 20.0630, 4.8570, 16.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 8, 43) }
```

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

```
.background{ background-color: rgb(35, 8,  
43) }
```

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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