

Converting Colors

YIQ(20.0950, 19.0260, 7.6180)

Have a look what the booklet for
YIQ(20.0950, 19.0260, 7.6180)
contains.

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Color

**YIQ(20.0950, 19.0260,
7.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0A0C
RGB	43, 10, 12
RGB Percent	17%, 4%, 5%
CMY	0.8313, 0.9608, 0.9529
CMYK	0.00, 0.77, 0.72, 0.83
HSL	356°, 62%, 10%
HSV	356°, 77%, 17%
XYZ	1.1720, 0.7574, 0.4329
YIQ	20.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

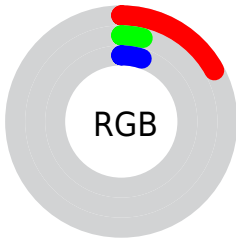
Format	Color
RYB	43, 10, 12
Decimal	2820620
CIELab	6.84, 17.06, 5.60
CIElCh	7, 17.955, 18.188
Yxy	0.7574, 0.4961, 0.3206
Android (android.graphics.Color)	4281010700 (0xFF2B0A0C)
YUV	20.0950, -3.9908, 20.0877
Hunter-Lab	8.7029, 8.8078, 3.1431

Details

The YIQ color **20.0950, 19.0260, 7.6180** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.9050, -19.0260, -7.6180**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **64.4050, 21.0890, 8.7770**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.2910, 21.4100, 8.4660**, and if you desaturate by 10%, it is **22.8990, 16.6420, 6.7700**.

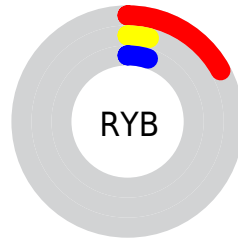
Distribution



Red (17%)

Green (4%)

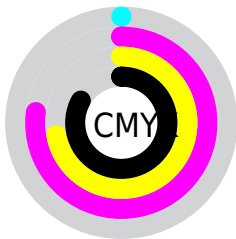
Blue (5%)



Red (17%)

Yellow (4%)

Blue (5%)

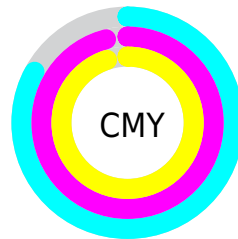


Cyan (0%)

Magenta (77%)

Yellow (72%)

Black (83%)



Cyan (83%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.0950, 19.0260, 7.6180 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 20.0950, 19.0260, 7.6180 by changing the saturation by 10% instead.

■ 20.0950, 19.0260,
7.6180

■ 20.0950, 19.0260,
7.6180

■ 240.5070, 11.8740,
5.0740

■ 2.6910, 5.3640,
1.9080

■ 64.4050, 21.0890,
8.7770

■ 0.0000, 0.0000,
0.0000

■ 88.1880, 23.1980,
9.1020

■ 112.7860, 24.3900,
9.5260

■ 138.9710, 25.3070,
9.4270

■ 165.5690, 26.4990,
9.8510

■ 192.2810, 27.3700,

10.5860

■ 220.5800, 27.9660,
10.7980

■ 20.0950, 19.0260,
7.6180

■ 20.0950, 19.0260,
7.6180

■ 17.2910, 21.4100,
8.4660

■ 22.8990, 16.6420,
6.7700

■ 13.9000, 24.0690,
9.8370

■ 26.2900, 13.9830,
5.3990

■ 13.1990, 24.6650,
10.0490

■ 29.0940, 11.5990,
4.5510

■ 31.8980, 9.2150,
3.7030

■ 34.7020, 6.8310,
2.8550

■ 38.0930, 4.1720,
1.4840

■ 40.8970, 1.7880,
0.6360

■ 43.7010, -0.5960,
-0.2120

■ 47.0920, -3.2550,
-1.5830

Harmonies

Analogous

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



20.7940, 12.7440, 11.3360



20.0950, 19.0260, 7.6180



20.1780, 19.9900, 1.1580

Triad

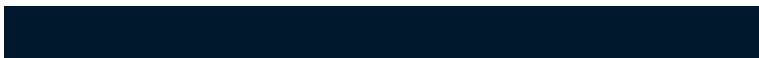
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.0950, 19.0260, 7.6180



16.4580, -4.7660, -12.7500



19.1040, -20.7240, 1.1320

Complementary

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



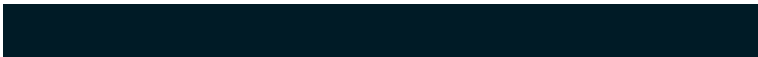
20.0950, 19.0260, 7.6180



32.9050, -19.0260, -7.6180

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.



20.1810, -19.6230, -2.3030



20.0950, 19.0260, 7.6180



18.1460, -12.5150, -9.9790

Square

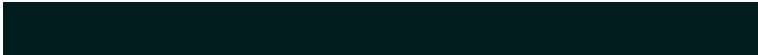
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.0950, 19.0260, 7.6180



19.7800, 6.1910, -7.5770



19.6280, -16.6880, -5.9360



20.6430, -11.8760, 5.9800

Rectangle

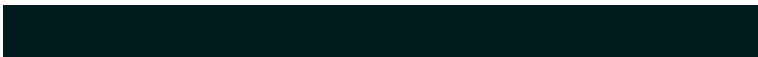
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.0950, 19.0260, 7.6180



20.4440, 16.1850, -1.4710



19.6280, -16.6880, -5.9360



19.5770, -20.6780, 0.2980

Sweetspot

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



20.0950, 19.0260, 7.6180



47.0010, 7.4270, 3.0670



23.0310, 7.8830, 16.8350



22.5060, 4.4470, 2.0070



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.



20.0950, 19.0260, 7.6180



20.0040, 29.7080, 12.2680



28.0850, 15.8180, -0.3260



18.5980, 1.1920, 0.4240



25.6860, 48.4590, 19.3630



64.8700, 122.1790, 48.9870

Inverse Universe

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



20.0950, 19.0260, 7.6180



20.0040, 29.7080, 12.2680



24.9150, -15.8180, 0.3260



18.5980, 1.1920, 0.4240



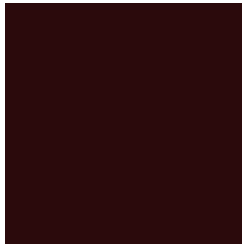
25.6860, 48.4590, 19.3630



64.8700, 122.1790, 48.9870

Previews

White Background



This preview shows how the YIQ color 20.0950, 19.0260, 7.6180 looks on a white background.

Color Contrast Check

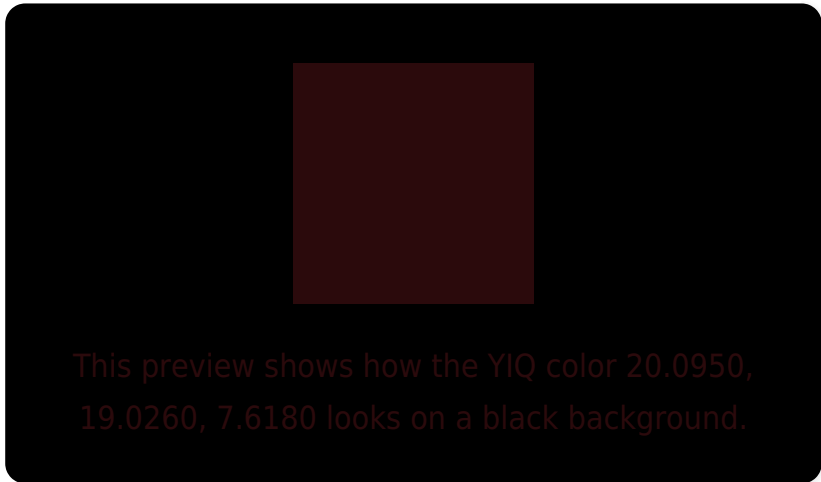
Large Text (above 18pt) WCAG AA ✓ Pass

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

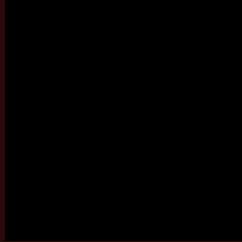
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.0950, 19.0260, 7.6180

Background



This preview shows how black text looks on a background with the YIQ color 20.0950, 19.0260, 7.6180.



This preview shows how white text looks on a background with the YIQ color 20.0950, 19.0260,

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

20.0950, 19.0260, 7.6180

Protanopia

22.9140, 3.1180, -1.4420

Deuteranopia

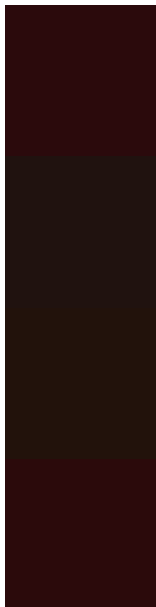
22.7250, 8.0240, -2.2480



Tritanopia

19.9810, 19.3470, 7.3070

Trichromacy



Original Color

20.0950, 19.0260, 7.6180

Protanomaly

21.8440, 9.3070, 2.0350

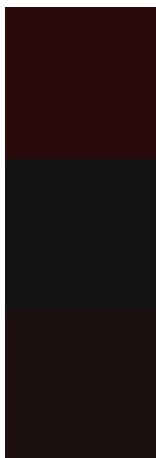
Deuteranomaly

21.9860, 11.7830, 1.2150

Tritanomaly

19.9810, 19.3470, 7.3070

Monochromacy



Original Color

20.0950, 19.0260, 7.6180

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

19.7020, 6.8310, 2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.0950, 19.0260, 7.6180 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(43, 10, 12)` looks like.

```
.text, #text, p{  
    color:rgb(43, 10, 12)  
}
```

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(43, 10, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 10, 12) }
```

Border

The CSS property to change the border of an element to YIQ 20.0950, 19.0260, 7.6180 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(43, 10, 12) }
```


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

```
.border{ border-color:rgb(43, 10, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 10, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 10, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 10, 12);  
box-shadow:4px 4px 4px 4px rgb(43, 10, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 20.0950, 19.0260, 7.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 10, 12) }
```

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

```
.background{ background-color: rgb(43, 10,  
12) }
```

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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