

Converting Colors

YIQ(20.0540, 9.0760, 11.7320)

Have a look what the booklet for
YIQ(20.0540, 9.0760, 11.7320)
contains.

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Color

**YIQ(20.0540, 9.0760,
11.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	240A1E
RGB	36, 10, 30
RGB Percent	14%, 4%, 12%
CMY	0.8587, 0.9608, 0.8823
CMYK	0.00, 0.72, 0.17, 0.86
HSL	314°, 57%, 9%
HSV	314°, 72%, 14%
XYZ	1.0710, 0.6860, 1.3046
YIQ	20.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

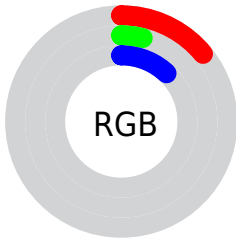
Format	Color
R_{YB}	36, 10, 30
Decimal	2361886
CIE Lab	6.20, 16.42, -7.50
CIE LCh	6, 18.051, 335.467
Yxy	0.6860, 0.3498, 0.2241
Android (android.graphics.Color)	4280551966 (0xFF240A1E)
YUV	20.0540, 4.9034, 13.9846
Hunter-Lab	8.2826, 8.5877, -3.5410

Details

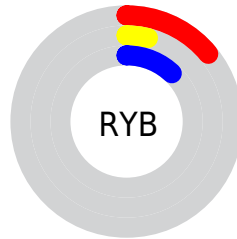
The YIQ color **20.0540, 9.0760, 11.7320** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.9460, -9.0760, -11.7320**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **63.7660, 9.9470, 12.4670**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.5920, 10.4970, 13.5130**, and if you desaturate by 10%, it is **22.5160, 7.6550, 9.9510**.

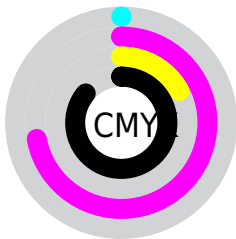
Distribution



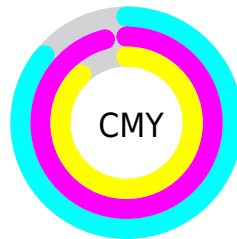
- Red (14%)
- Green (4%)
- Blue (12%)



- Red (14%)
- Yellow (4%)
- Blue (12%)



- Cyan (0%)
- Magenta (72%)
- Yellow (17%)
- Black (86%)



- Cyan (86%)
- Magenta (96%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.0540, 9.0760, 11.7320 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 20.0540, 9.0760, 11.7320 by changing the saturation by 10% instead.

■ 20.0540, 9.0760,
11.7320

■ 20.0540, 9.0760,
11.7320

■ 242.6730, 5.7750,
10.9830

■ 0.2280, -0.6420,
0.6220

■ 63.7660, 9.9470,
12.4670

■ 0.0000, 0.0000,
0.0000

■ 87.3640, 11.1390,
12.8910

■ 111.7770, 11.4140,
13.4140

■ 137.4890, 12.2850,
14.1490

■ 163.9020, 12.5600,
14.6720

■ 190.9020, 12.5600,

14.6720

■ 219.2010, 13.1560,
14.8840

■ 20.0540, 9.0760,
11.7320

■ 20.0540, 9.0760,
11.7320

■ 17.5920, 10.4970,
13.5130

■ 22.5160, 7.6550,
9.9510

■ 15.7170, 11.6430,
14.7710

■ 24.3910, 6.5090,
8.6930

■ 13.9560, 12.4680,
16.3400

■ 26.8530, 5.0880,
6.9120

■ 28.6140, 4.2630,
5.3430

■ 31.0760, 2.8420,
3.5620

■ 33.5380, 1.4210,
1.7810

■ 35.4130, 0.2750,
0.5230

■ 37.8750, -1.1460,
-1.2580

■ 39.6360, -1.9710,
-2.8270

Harmonies

Analogous

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



20.1280, -2.9360, 9.1600



20.0540, 9.0760, 11.7320



19.0070, 16.4580, 10.1060

Triad

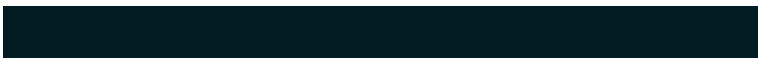
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.0540, 9.0760, 11.7320



18.9160, 8.8040, -5.3720



19.6110, -18.0180, -3.8580

Complementary

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



20.0540, 9.0760, 11.7320



25.9460, -9.0760, -11.7320

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.



18.3570, -14.4870, -7.2790



20.0540, 9.0760, 11.7320



16.4800, -1.8320, -10.8560

Square

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



20.0540, 9.0760, 11.7320



19.2700, 16.7350, -0.4250



15.7180, -8.4340, -12.3540



18.7620, -19.7610, 0.1990

Rectangle

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



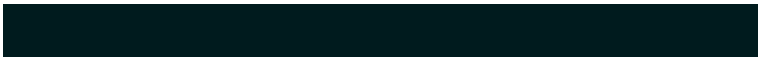
20.0540, 9.0760, 11.7320



18.2970, 21.2730, 5.4410



15.7180, -8.4340, -12.3540



19.2690, -17.0550, -4.7910

Sweetspot

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



20.0540, 9.0760, 11.7320



39.9020, 3.3920, 4.6080



14.7580, -4.7700, 9.3580



19.3640, 1.9710, 2.8270



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



20.0540, 9.0760, 11.7320



21.4940, 13.8890, 18.1210



18.5720, 13.2490, 7.6890



16.7120, 0.8710, 0.7350



31.7000, 28.6490, 36.9770



80.8450, 72.8830, 94.3790

Inverse Universe

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



20.0540, 9.0760, 11.7320



21.4940, 13.8890, 18.1210



27.4280, -13.2490, -7.6890



16.7120, 0.8710, 0.7350



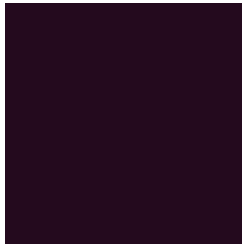
31.7000, 28.6490, 36.9770



80.8450, 72.8830, 94.3790

Previews

White Background



This preview shows how the YIQ color 20.0540, 9.0760, 11.7320 looks on a white background.

Color Contrast Check

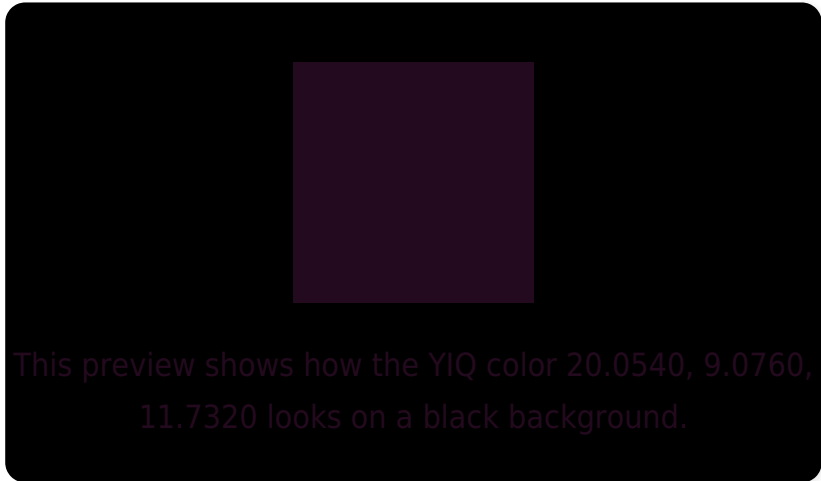
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0540, 9.0760, 11.7320

Background



This preview shows how black text looks on a background with the YIQ color 20.0540, 9.0760, 11.7320.



This preview shows how white text looks on a background with the YIQ color 20.0540, 9.0760,

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

20.0540, 9.0760, 11.7320

Protanopia

20.3610, -11.1420, 3.6900

Deuteranopia

21.2000, -3.4390, 1.7530



Tritanopia

21.0940, 11.5990, 4.5510

Trichromacy



Original Color

20.0540, 9.0760, 11.7320

Protanomaly

20.3620, -3.7150, 6.7570

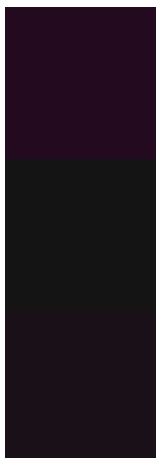
Deuteranomaly

20.7600, 0.9160, 5.4280

Tritanomaly

20.4900, 10.5440, 7.1520

Monochromacy



Original Color

20.0540, 9.0760, 11.7320

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

19.9020, 3.3920, 4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.0540, 9.0760, 11.7320 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(36, 10, 30)` looks like.

```
.text, #text, p{  
    color:rgb(36, 10, 30)  
}
```

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(36, 10, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 10, 30) }
```

Border

The CSS property to change the border of an element to YIQ 20.0540, 9.0760, 11.7320 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(36, 10, 30) }
```


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

```
.border{ border-color:rgb(36, 10, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 10, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 10, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 10, 30);  
box-shadow:4px 4px 4px 4px rgb(36, 10, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 20.0540, 9.0760, 11.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 10, 30) }
```

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

```
.background{ background-color: rgb(36, 10,  
30) }
```

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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