

Converting Colors

YIQ(19.3170, 9.3530, 1.2010)

Have a look what the booklet for
YIQ(19.3170, 9.3530, 1.2010)
contains.

YIQ(19.3170, 9.3530, 1.2010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(19.3170, 9.3530, 1.2010)

Conversions

Conversions Part 1

Format	Color
Hex	1D100B
RGB	29, 16, 11
RGB Percent	11%, 6%, 4%
CMY	0.8862, 0.9373, 0.9568
CMYK	0.00, 0.45, 0.62, 0.89
HSL	17°, 45%, 8%
HSV	17°, 62%, 11%
XYZ	0.7526, 0.6559, 0.4039
YIQ	19.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

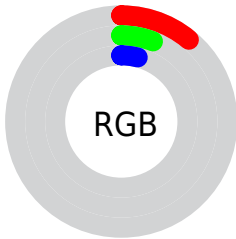
Format	Color
R_YB	29, 18, 11
Decimal	1904651
CIE Lab	5.92, 5.29, 4.44
CIE LCh	6, 6.905, 39.999
Yxy	0.6559, 0.4152, 0.3619
Android (android.graphics.Color)	4280094731 (0xFF1D100B)
YUV	19.3170, -4.1003, 8.4920
Hunter-Lab	8.0989, 2.4136, 2.7126

Details

The YIQ color **19.3170, 9.3530, 1.2010** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.6830, -9.3530, -1.2010**, and the grayscale version is **19.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **61.8440, 9.3070, 2.0350**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.8010, 10.8660, 1.3140**, and if you desaturate by 10%, it is **20.8330, 7.8400, 1.0880**.

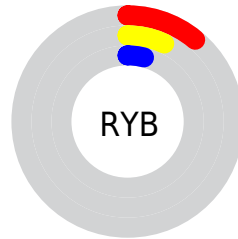
Distribution



Red (11%)

Green (6%)

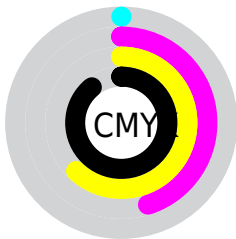
Blue (4%)



Red (11%)

Yellow (7%)

Blue (4%)

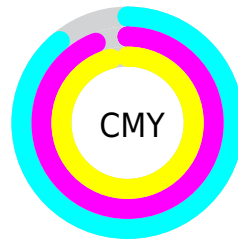


Cyan (0%)

Magenta (45%)

Yellow (62%)

Black (89%)



Cyan (89%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 19.3170, 9.3530, 1.2010 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 19.3170, 9.3530, 1.2010 by changing the saturation by 10% instead.

■ 19.3170, 9.3530,
1.2010

■ 19.3170, 9.3530,
1.2010

■ 243.9150, 10.5450,
1.6250

■ 0.0000, 0.0000,
0.0000

■ 61.8440, 9.3070,
2.0350

■ 85.1430, 9.9030,
2.2470

■ 110.0290, 10.2240,
1.9360

■ 135.3280, 10.8200,
2.1480

■ 161.2140, 11.1410,
1.8370

■ 188.5130, 11.7370,

2.0490

■ 215.9260, 12.0120,
2.5720

■ 19.3170, 9.3530,
1.2010

■ 19.3170, 9.3530,
1.2010

■ 17.8010, 10.8660,
1.3140

■ 20.8330, 7.8400,
1.0880

■ 16.2850, 12.3790,
1.4270

■ 22.3490, 6.3270,
0.9750

■ 14.7690, 13.8920,
1.5400

■ 23.8650, 4.8140,
0.8620

■ 13.3670, 15.0840,
1.9640

■ 25.3810, 3.3010,
0.7490

■ 26.8970, 1.7880,
0.6360

■ 28.8860, 0.3210,
-0.3110

■ 30.4020, -1.1920,
-0.4240

■ 31.9180, -2.7050,
-0.5370

■ 33.4340, -4.2180,
-0.6500

Harmonies

Analogous

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



19.4140, 7.7020, 3.5900



19.3170, 9.3530, 1.2010



18.7360, 9.4910, -1.3010

Triad

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



19.3170, 9.3530, 1.2010



16.7170, -6.6930, -5.3570



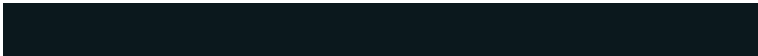
19.1290, -4.6770, 2.1630

Complementary

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



19.3170, 9.3530, 1.2010



20.6830, -9.3530, -1.2010

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.



17.9110, -9.9950, -0.5790



19.3170, 9.3530, 1.2010



16.2050, -11.0030, -4.3390

Square

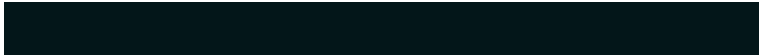
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.3170, 9.3530, 1.2010



17.8380, 0.2760, -5.0040



16.6610, -12.2870, -3.0950



19.5210, 0.0910, 3.8590

Rectangle

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



19.3170, 9.3530, 1.2010



18.8990, 7.4740, -3.2940



16.6610, -12.2870, -3.0950



18.8190, -6.7400, 1.0040

Sweetspot

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



19.3170, 9.3530, 1.2010



34.2670, 3.6220, 0.4380



17.8640, 6.5550, 7.8590



17.7830, 2.1090, 0.3250



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



19.3170, 9.3530, 1.2010



23.0680, 14.4880, 1.7520



24.6000, 6.8780, -3.5060



14.2990, 0.5960, 0.2120



36.5350, 41.0340, 5.2420



95.3520, 107.6970, 14.0730

Inverse Universe

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



20.6830, -9.3530, -1.2010



24.9320, -14.4880, -1.7520



15.4000, -6.8780, 3.5060



14.7010, -0.5960, -0.2120



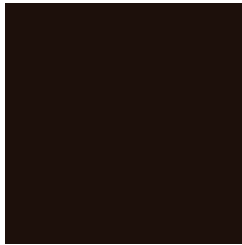
42.4650, -41.0340, -5.2420



111.0610, -107.4220, -13.5500

Previews

White Background



This preview shows how the YIQ color 19.3170, 9.3530, 1.2010 looks on a white background.

Color Contrast Check

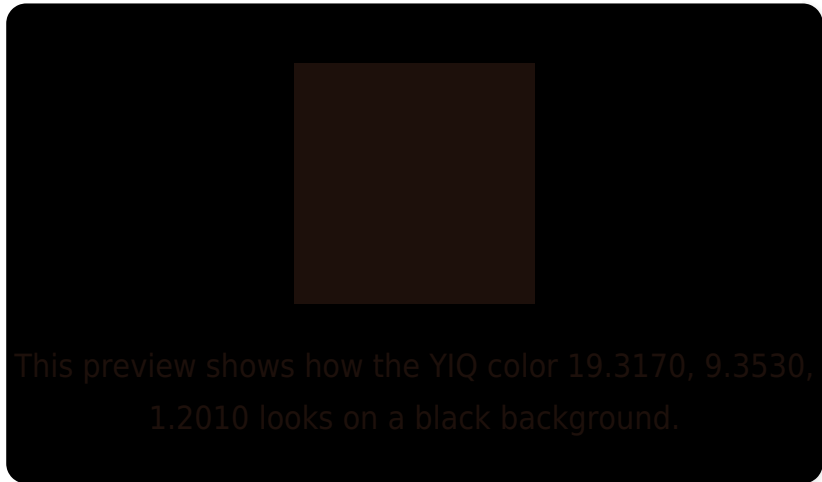
Large Text (above 18pt) WCAG AA ✓ Pass

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

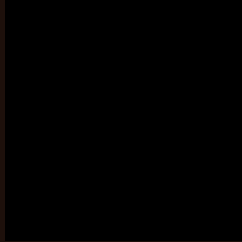
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 19.3170, 9.3530, 1.2010

Background



This preview shows how black text looks on a background with the YIQ color 19.3170, 9.3530, 1.2010.



This preview shows how white text looks on a background with the YIQ color 19.3170, 9.3530, 1.2010.

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

19.3170, 9.3530, 1.2010

Protanopia

19.3870, 3.1640, -2.2760

Deuteranopia

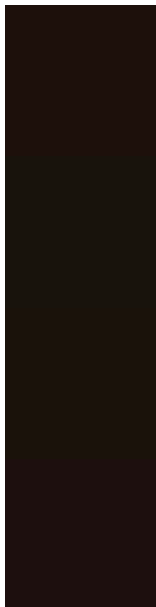
19.4690, 5.8690, -1.7390



Tritanopia

19.3000, 8.0230, 3.2790

Trichromacy



Original Color

19.3170, 9.3530, 1.2010

Protanomaly

19.6970, 5.2270, -1.1170

Deuteranomaly

19.4800, 7.3360, -0.7920

Tritanomaly

19.0720, 8.6650, 2.6570

Monochromacy



Original Color

19.3170, 9.3530, 1.2010

Achromatopsia

19.0000, -0.0000, -0.0000

Achromatomaly

19.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 19.3170, 9.3530, 1.2010 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(29, 16, 11)` looks like.

```
.text, #text, p{  
    color:rgb(29, 16, 11)  
}
```

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(29, 16, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 16, 11) }
```

Border

The CSS property to change the border of an element to YIQ 19.3170, 9.3530, 1.2010 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(29, 16, 11) }
```

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

```
.border{ border-color:rgb(29, 16, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 16, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 16, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 16, 11);  
box-shadow:4px 4px 4px 4px rgb(29, 16, 11)  
}
```


Background

The CSS property to change the background color of an element to YIQ 19.3170, 9.3530, 1.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 16, 11) }
```

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

```
.background{ background-color: rgb(29, 16,  
11) }
```

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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