

Converting Colors

YIQ(24.0290, 10.2240, 1.9360)

Have a look what the booklet for
YIQ(24.0290, 10.2240, 1.9360)
contains.

YIQ(24.0290, 10.2240, 1.9360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(24.0290, 10.2240,
1.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	231410
RGB	35, 20, 16
RGB Percent	14%, 8%, 6%
CMY	0.8627, 0.9216, 0.9372
CMYK	0.00, 0.43, 0.54, 0.86
HSL	13°, 37%, 10%
HSV	13°, 54%, 14%
XYZ	1.0371, 0.8950, 0.6087
YIQ	24.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

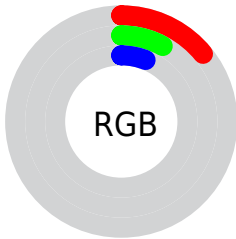
Format	Color
R_{YB}	35, 21, 16
Decimal	2298896
CIE Lab	8.08, 7.09, 5.23
CIE LCh	8, 8.809, 36.431
Yxy	0.8950, 0.4082, 0.3523
Android (android.graphics.Color)	4280488976 (0xFF231410)
YUV	24.0290, -3.9583, 9.6216
Hunter-Lab	9.4605, 3.0117, 2.8073

Details

The YIQ color **24.0290, 10.2240, 1.9360** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.9710, -10.2240, -1.9360**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **67.0400, 11.6910, 2.8830**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.9260, 12.0120, 2.5720**, and if you desaturate by 10%, it is **26.2460, 8.1150, 1.6110**.

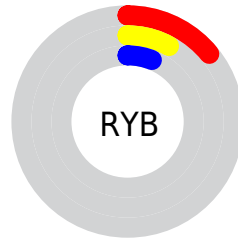
Distribution



Red (14%)

Green (8%)

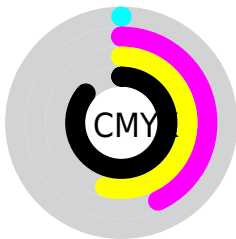
Blue (6%)



Red (14%)

Yellow (8%)

Blue (6%)

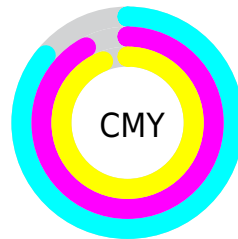


Cyan (0%)

Magenta (43%)

Yellow (54%)

Black (86%)



Cyan (86%)

Magenta (92%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.0290, 10.2240, 1.9360 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 24.0290, 10.2240, 1.9360 by changing the saturation by 10% instead.

■ 24.0290, 10.2240,
1.9360

■ 24.0290, 10.2240,
1.9360

■ 247.4200, 7.5650,
0.5650

■ 0.0000, 0.0000,
0.0000

■ 67.0400, 11.6910,
2.8830

■ 90.2250, 12.6080,
2.7840


■ 115.5240, 13.2040,
2.9960


■ 140.8230, 13.8000,
3.2080


■ 167.1220, 14.3960,
3.4200


■ 194.4210, 14.9920,


3.6320


 222.3070, 15.3130,
3.3210

 24.0290, 10.2240,
1.9360


 24.0290, 10.2240,
1.9360


 21.9260, 12.0120,
2.5720


 26.2460, 8.1150,
1.6110


 19.7090, 14.1210,
2.8970


 28.3490, 6.3270,
0.9750

 18.1930, 15.6340,
3.0100

 29.9790, 4.4930,
1.1730

 15.9760, 17.7430,
3.3350

 32.0820, 2.7050,
0.5370

 14.5740, 18.9350,
3.7590

 34.2990, 0.5960,
0.2120

■ 36.4020, -1.1920,
-0.4240

■ 38.0320, -3.0260,
-0.2260

■ 40.1350, -4.8140,
-0.8620

■ 42.3520, -6.9230,
-1.1870

Harmonies

Analogous

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



24.2400, 8.2520, 4.6360



24.0290, 10.2240, 1.9360



23.6220, 9.8120, -1.6120

Triad

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



24.0290, 10.2240, 1.9360



21.4890, -6.0510, -5.9790



23.4600, -7.1070, 2.1490

Complementary

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



24.0290, 10.2240, 1.9360



26.9710, -10.2240, -1.9360

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.



21.8290, -12.7000, -1.1160



24.0290, 10.2240, 1.9360



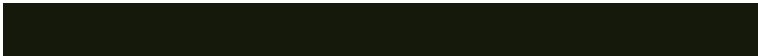
20.4930, -11.8740, -5.0740

Square

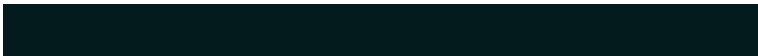
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.0290, 10.2240, 1.9360



22.3220, 1.7890, -4.8910



20.4650, -14.6710, -3.9430



24.4500, -1.1470, 4.2690

Rectangle

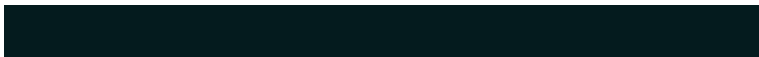
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.0290, 10.2240, 1.9360



23.0840, 8.3910, -3.3930



20.4650, -14.6710, -3.9430



22.5630, -8.8950, 1.5130

Sweetspot

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



24.0290, 10.2240, 1.9360



41.6800, 3.8970, 0.9610



23.3910, 6.5090, 8.6930



20.7830, 2.1090, 0.3250



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.



24.0290, 10.2240, 1.9360



28.4920, 16.2300, 3.2220



29.3120, 7.7490, -2.7710



16.5980, 1.1920, 0.4240



34.4970, 44.1970, 8.4930



88.3190, 112.4640, 21.2960

Inverse Universe

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



26.9710, -10.2240, -1.9360



33.5080, -16.2300, -3.2220



21.6880, -7.7490, 2.7710



16.8150, -0.9170, 0.0990



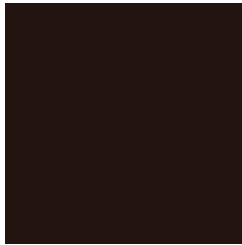
46.9160, -43.9220, -7.9700



120.6810, -112.4640, -21.2960

Previews

White Background



This preview shows how the YIQ color 24.0290, 10.2240, 1.9360 looks on a white background.

Color Contrast Check

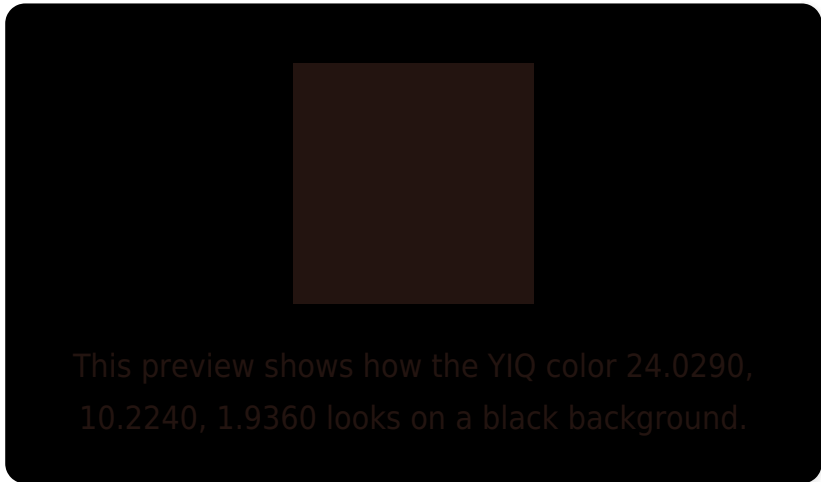
Large Text (above 18pt) WCAG AA ✓ Pass

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

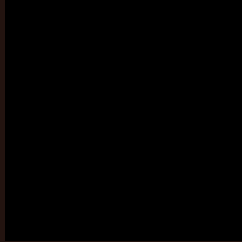
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.0290, 10.2240, 1.9360

Background



This preview shows how black text looks on a background with the YIQ color 24.0290, 10.2240, 1.9360.



This preview shows how white text looks on a background with the YIQ color 24.0290, 10.2240,

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

24.0290, 10.2240, 1.9360

Protanopia

23.9140, 3.1180, -1.4420

Deuteranopia

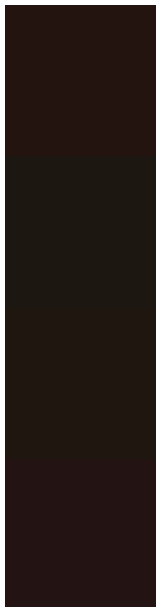
23.8820, 6.1440, -1.2160



Tritanopia

24.0120, 8.8940, 4.0140

Trichromacy



Original Color

24.0290, 10.2240, 1.9360

Protanomaly

24.1100, 5.5020, -0.5940

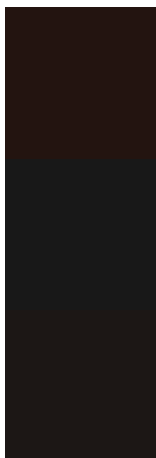
Deuteranomaly

23.8930, 7.6110, -0.2690

Tritanomaly

23.7840, 9.5360, 3.3920

Monochromacy



Original Color

24.0290, 10.2240, 1.9360

Achromatopsia

24.0000, -0.0000, 0.0000

Achromatomaly

24.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.0290, 10.2240, 1.9360 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, 20, 16)` looks like.

```
.text, #text, p{  
    color:rgb(35, 20, 16)  
}
```

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, 20, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 20, 16) }
```

Border

The CSS property to change the border of an element to YIQ 24.0290, 10.2240, 1.9360 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, 20, 16) }
```


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

```
.border{ border-color:rgb(35, 20, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 20, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 20, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 20, 16);  
box-shadow:4px 4px 4px 4px rgb(35, 20, 16)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.0290, 10.2240, 1.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 20, 16) }
```

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

```
.background{ background-color: rgb(35, 20,  
16) }
```

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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