

Converting Colors

YIQ(24.5200, 9.8590, -7.9730)

Have a look what the booklet for
YIQ(24.5200, 9.8590, -7.9730)
contains.

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Color

**YIQ(24.5200, 9.8590,
-7.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	1D1B00
RGB	29, 27, 0
RGB Percent	11%, 11%, 0%
CMY	0.8863, 0.8941, 0.9999
CMYK	0.00, 0.07, 1.00, 0.89
HSL	56°, 100%, 6%
HSV	56°, 100%, 11%
XYZ	0.8986, 1.0450, 0.1548
YIQ	24.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

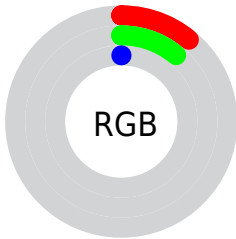
Format	Color
R_{YB}	2, 29, 0
Decimal	1907456
CIE _{Lab}	9.36, -3.59, 13.93
CIE _{LCh}	9, 14.381, 104.453
Yxy	1.0450, 0.4282, 0.4980
Android (android.graphics.Color)	4280097536 (0xFF1D1B00)
YUV	24.5200, -12.0884, 3.9290
Hunter-Lab	10.2226, -2.1989, 6.2581

Details

The YIQ color **24.5200, 9.8590, -7.9730** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4.4800, -9.8590, 7.9730**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.0900, 8.2540, -6.4180**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.5200, 9.8590, -7.9730**, and if you desaturate by 10%, it is **24.8620, 8.8960, -7.0400**.

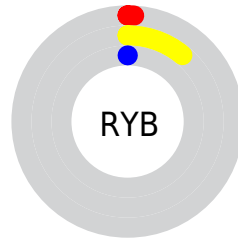
Distribution



Red (11%)

Green (11%)

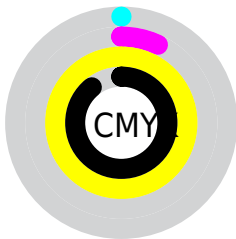
Blue (0%)



Red (1%)

Yellow (11%)

Blue (0%)

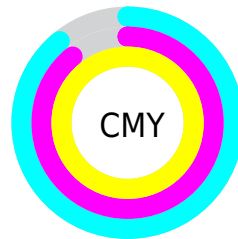


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.5200, 9.8590, -7.9730 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 24.5200, 9.8590, -7.9730 by changing the saturation by 10% instead.

■ 24.5200, 9.8590,
-7.9730

■ 24.5200, 9.8590,
-7.9730

■ 251.1070, 9.5840,
-8.4960

■ 0.0000, 0.0000,
0.0000

■ 68.0900, 8.2540,
-6.4180

■ 91.8620, 8.8960,
-7.0400

■ 116.1610, 9.4920,
-6.8280

■ 141.6340, 9.5380,
-7.6620

■ 167.9330, 10.1340,
-7.4500

■ 195.8190, 10.4550,

-7.7610

■ 223.7050, 10.7760,
-8.0720

■ 24.5200, 9.8590,
-7.9730

■ 24.8620, 8.8960,
-7.0400

■ 25.2040, 7.9330,
-6.1070

■ 26.1330, 6.6950,
-5.6970

■ 26.4750, 5.7320,
-4.7640

■ 26.8170, 4.7690,
-3.8310

■ 27.0450, 4.1270,
-3.2090

■ 27.3870, 3.1640,
-2.2760

■ 28.3160, 1.9260,
-1.8660

■ 28.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



25.2650, 15.1310, -4.3970



24.5200, 9.8590, -7.9730



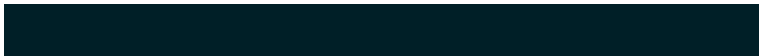
23.4310, -0.1360, -8.5520

Triad

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



24.5200, 9.8590, -7.9730



22.6430, -21.0440, -4.0840



27.3590, 9.5350, 8.9190

Complementary

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



24.5200, 9.8590, -7.9730



4.4800, -9.8590, 7.9730

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.



27.3410, 0.7780, 7.9300



24.5200, 9.8590, -7.9730



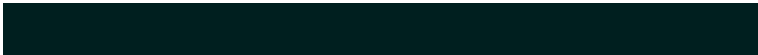
22.1530, -22.4200, -1.1720

Square

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



24.5200, 9.8590, -7.9730



21.7310, -18.4760, -6.5720



26.0730, -10.2710, 4.4250



26.2300, 14.2120, 6.7560

Rectangle

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



24.5200, 9.8590, -7.9730



22.2280, -9.8100, -9.4420



26.0730, -10.2710, 4.4250



27.3910, 6.5090, 8.6930

Sweetspot

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



24.5200, 9.8590, -7.9730



36.1590, 3.8060, -2.8980



8.8990, 16.6420, 6.7700



19.2020, 2.2470, -2.1770



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.



24.5200, 9.8590, -7.9730



32.4940, 12.7480, -10.7720



22.1060, 2.1570, -11.5630



14.8860, 0.3210, -0.3110



67.0590, 26.7340, -21.9540



174.5970, 70.5720, -56.5320

Inverse Universe

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



4.4800, -9.8590, 7.9730



6.0930, -13.0230, 10.2490



6.8940, -2.1570, 11.5630



14.1140, -0.3210, 0.3110



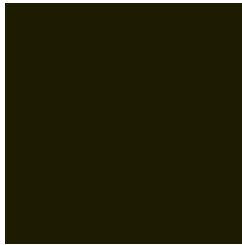
11.9410, -26.7340, 21.9540



31.8160, -70.2970, 57.0550

Previews

White Background



This preview shows how the YIQ color 24.5200, 9.8590, -7.9730 looks on a white background.

Color Contrast Check

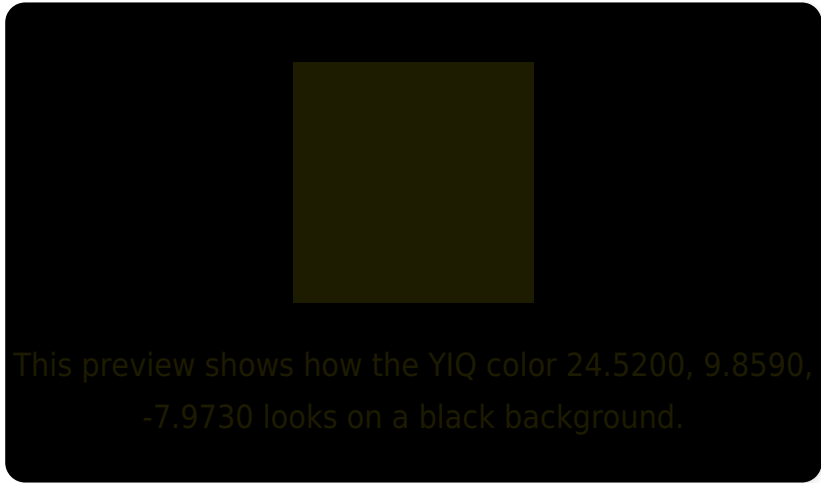
Large Text (above 18pt) WCAG AA ✓ Pass

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

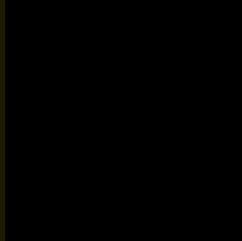
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

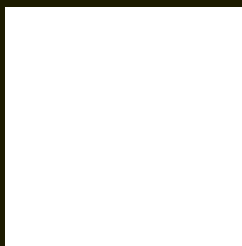
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 24.5200, 9.8590, -7.9730

Background



This preview shows how black text looks on a background with the YIQ color 24.5200, 9.8590, -7.9730.



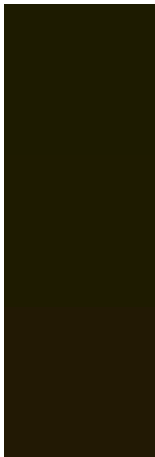
This preview shows how white text looks on a background with the YIQ color 24.5200, 9.8590,

-7.9730.

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

24.5200, 9.8590, -7.9730

Protanopia

24.8190, 10.4550, -7.7610

Deuteranopia

25.2970, 12.1050, -4.6230



Tritanopia

27.0220, 2.9340, 1.8940

Trichromacy



Original Color

24.5200, 9.8590, -7.9730

Protanomaly

24.8190, 10.4550, -7.7610

Deuteranomaly

25.1720, 10.9590, -5.8810

Tritanomaly

26.1700, 5.2730, -1.9510

Monochromacy



Original Color

24.5200, 9.8590, -7.9730

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.8600, 3.2100, -3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.5200, 9.8590, -7.9730 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, 27, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 27, 0)  
}
```

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, 27, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 27, 0) }
```

Border

The CSS property to change the border of an element to YIQ 24.5200, 9.8590, -7.9730 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, 27, 0) }
```


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

```
.border{ border-color:rgb(29, 27, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 27, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 27, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 27, 0); box-shadow:4px  
4px 4px 4px rgb(29, 27, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 24.5200, 9.8590, -7.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 27, 0) }
```

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

```
.background{ background-color: rgb(29, 27,  
0) }
```

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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