

Converting Colors

YIQ(24.5990, -8.5760, 12.2560)

Have a look what the booklet for
YIQ(24.5990, -8.5760, 12.2560)
contains.

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Color

**YIQ(24.5990, -8.5760,
12.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	181337
RGB	24, 19, 55
RGB Percent	9%, 7%, 22%
CMY	0.9058, 0.9255, 0.7844
CMYK	0.56, 0.65, 0.00, 0.78
HSL	248°, 49%, 15%
HSV	248°, 65%, 22%
XYZ	1.2989, 0.9357, 3.7246
YIQ	24.5990, -8.5760, 12.2560

Conversions

Conversions Part 2

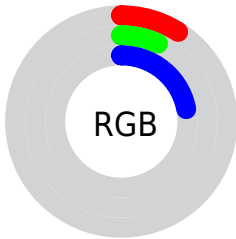
Format	Color
R_{YB}	24, 19, 55
Decimal	1577783
CIE _{Lab}	8.44, 14.18, -22.78
CIE _{LCh}	8, 26.834, 301.906
Yxy	0.9357, 0.2180, 0.1570
Android (android.graphics.Color)	4279767863 (0xFF181337)
YUV	24.5990, 14.9877, -0.5253
Hunter-Lab	9.6729, 7.0425, -16.0587

Details

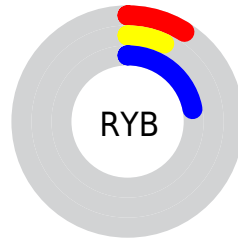
The YIQ color **24.5990, -8.5760, 12.2560** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **49.4010, 8.5760, -12.2560**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **68.3650, -7.7970, 14.6590**, and **0.7980, -2.2470, 2.1770** is the 20% darker color. If you saturate the color by 10%, you get **19.5820, -9.9060, 14.3340**, and if you desaturate by 10%, it is **29.0290, -6.9710, 10.7010**.

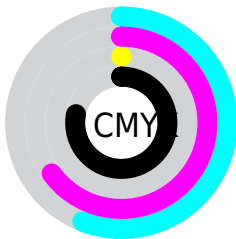
Distribution



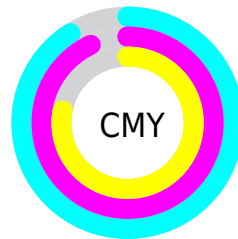
- Red (9%)
- Green (7%)
- Blue (22%)



- Red (9%)
- Yellow (7%)
- Blue (22%)



- Cyan (56%)
- Magenta (65%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.5990, -8.5760, 12.2560 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 24.5990, -8.5760, 12.2560 by changing the saturation by 10% instead.

■ 24.5990, -8.5760,
12.2560

■ 24.5990, -8.5760,
12.2560

■ 247.9560, 3.3000,
6.2760

■ 3.8760, -10.9140,
10.5740

■ 68.3650, -7.7970,
14.6590

■ 0.7980, -2.2470,
2.1770

■ 91.8920, -7.8430,
15.4930

■ 0.0000, 0.0000,
0.0000

■ 117.4190, -7.8890,
16.3270

■ 142.8320, -7.6140,
16.8500

■ 169.3590, -7.6600,
17.6840

■ 196.4730, -7.9810,

17.9950

■ 223.4470, -5.0920,
15.1960

■ 24.5990, -8.5760,
12.2560

■ 24.5990, -8.5760,
12.2560

■ 19.5820, -9.9060,
14.3340

■ 29.0290, -6.9710,
10.7010

■ 15.4510, -10.9150,
16.1010

■ 33.7470, -6.2370,
8.4110

■ 11.0210, -12.5200,
17.6560

■ 38.1770, -4.6320,
6.8560

■ 8.6620, -12.8870,
18.8010

■ 43.1940, -3.3020,
4.7780

■ 47.6240, -1.6970,
3.2230

■ 52.3420, -0.9630,
0.9330

■ 56.7720, 0.6420,
-0.6220

■ 61.7890, 1.9720,
-2.7000

■ 66.2190, 3.5770,
-4.2550

Harmonies

Analogous

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



22.1020, -26.4100, 5.0620



24.5990, -8.5760, 12.2560



23.7110, 11.7800, 17.7960

Triad

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



24.5990, -8.5760, 12.2560



23.4340, 22.1450, 0.6490



22.8080, -17.3750, -10.0070

Complementary

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



24.5990, -8.5760, 12.2560



49.4010, 8.5760, -12.2560

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.



18.7840, -8.8000, -16.7360



24.5990, -8.5760, 12.2560



23.3570, 11.8760, -5.9800

Square

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



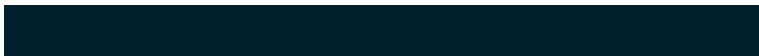
24.5990, -8.5760, 12.2560



20.2550, 30.2590, 7.7870



20.3120, -1.4190, -12.8350



24.2730, -22.8780, -3.8860

Rectangle

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



24.5990, -8.5760, 12.2560



21.6150, 20.8580, 18.4740



20.3120, -1.4190, -12.8350



21.4230, -14.8530, -11.6610

Sweetspot

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



24.5990, -8.5760, 12.2560



59.1940, -3.3020, 4.7780



41.3010, -20.0810, -5.0170



28.3250, -2.2930, 3.0110



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



24.5990, -8.5760, 12.2560



23.7760, -13.2080, 19.1120



29.9810, 2.1520, 16.0720



25.6410, -0.3670, 1.1450



14.3750, -21.7840, 31.3680



34.2350, -51.8230, 74.6810

Inverse Universe

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



33.2980, 11.5050, 17.2730



37.3300, 17.6470, 27.1110



44.0190, -2.1520, -16.0720



26.2390, 0.8250, 1.5690



36.5140, 29.4730, 44.0730



87.0270, 69.8550, 105.2070

Previews

White Background



This preview shows how the YIQ color 24.5990, -8.5760, 12.2560 looks on a white background.

Color Contrast Check

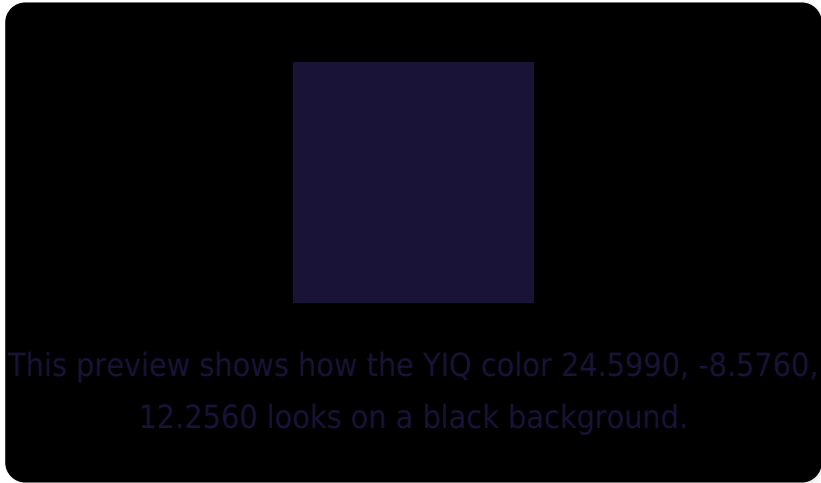
Large Text (above 18pt) WCAG AA ✓ Pass

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

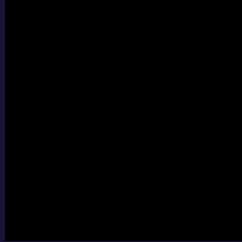
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.5990, -8.5760, 12.2560

Background



This preview shows how black text looks on a background with the YIQ color 24.5990, -8.5760, 12.2560.



This preview shows how white text looks on a background with the YIQ color 24.5990, -8.5760,

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

24.5990, -8.5760, 12.2560

Protanopia

19.9020, -22.9710, 3.3090

Deuteranopia

20.2780, -21.2740, 0.0860



Tritanopia

23.3410, -8.3900, -2.1340

Trichromacy



Original Color

24.5990, -8.5760, 12.2560

Protanomaly

21.5330, -17.3780, 6.5740

Deuteranomaly

21.6640, -16.3690, 4.8070

Tritanomaly

23.8020, -8.0700, 3.0820

Monochromacy



Original Color

24.5990, -8.5760, 12.2560

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.0800, -2.9810, 4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.5990, -8.5760, 12.2560 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(24, 19, 55)` looks like.

```
.text, #text, p{  
    color:rgb(24, 19, 55)  
}
```

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(24, 19, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 19, 55) }
```

Border

The CSS property to change the border of an element to YIQ 24.5990, -8.5760, 12.2560 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(24, 19, 55) }
```


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

```
.border{ border-color:rgb(24, 19, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 19, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 19, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 19, 55);  
box-shadow:4px 4px 4px 4px rgb(24, 19, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.5990, -8.5760, 12.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 19, 55) }
```

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

```
.background{ background-color: rgb(24, 19,  
55) }
```

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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