

Converting Colors

YIQ(34.5990, -8.5760, 12.2560)

Have a look what the booklet for
YIQ(34.5990, -8.5760, 12.2560)
contains.

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Color

**YIQ(34.5990, -8.5760,
12.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	221D41
RGB	34, 29, 65
RGB Percent	13%, 11%, 25%
CMY	0.8666, 0.8863, 0.7452
CMYK	0.48, 0.55, 0.00, 0.75
HSL	248°, 38%, 18%
HSV	248°, 55%, 25%
XYZ	2.0530, 1.6003, 5.1993
YIQ	34.5990, -8.5760, 12.2560

Conversions

Conversions Part 2

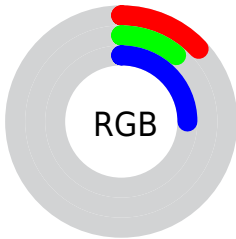
Format	Color
RYB	34, 29, 65
Decimal	2235713
CIELab	13.23, 13.25, -22.16
CIELCh	13, 25.816, 300.870
Yxy	1.6003, 0.2319, 0.1808
Android (android.graphics.Color)	4280425793 (0xFF221D41)
YUV	34.5990, 14.9877, -0.5253
Hunter-Lab	12.6504, 6.8296, -15.5129

Details

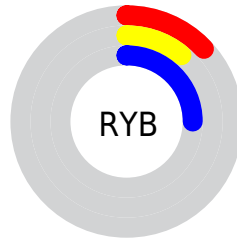
The YIQ color **34.5990, -8.5760, 12.2560** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.4010, 8.5760, -12.2560**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.9520, -8.0720, 14.1360**, and **3.0950, -7.3370, 6.3190** is the 20% darker color. If you saturate the color by 10%, you get **29.2830, -10.5020, 14.1220**, and if you desaturate by 10%, it is **39.9150, -6.6500, 10.3900**.

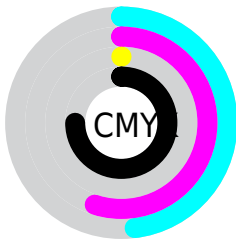
Distribution



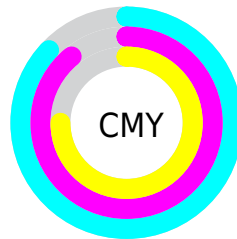
- Red (13%)
- Green (11%)
- Blue (25%)



- Red (13%)
- Yellow (11%)
- Blue (25%)



- Cyan (48%)
- Magenta (55%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.5990, -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 34.5990, -8.5760, 12.2560 by changing the saturation by 10% instead.

■ 34.5990, -8.5760,
12.2560

■ 34.5990, -8.5760,
12.2560

■ 255.0000, -0.0000,
-0.0000

■ 11.4360, -6.5590,
14.2490

■ 79.9520, -8.0720,
14.1360

■ 2.9810, -7.0160,
6.0080

■ 103.5930, -8.4390,
15.2810

■ 0.0000, 0.0000,
0.0000

■ 129.0060, -8.1640,
15.8040

■ 155.1200, -8.4850,
16.1150

■ 182.2340, -8.8060,
16.4260

■ 209.7610, -8.8520,

17.2600

■ 235.5520, -1.1940,
10.6300

■ 34.5990, -8.5760,
12.2560

■ 34.5990, -8.5760,
12.2560

■ 29.2830, -10.5020,
14.1220

■ 39.9150, -6.6500,
10.3900

■ 23.6790, -11.5570,
16.7230

■ 45.5190, -5.5950,
7.7890

■ 18.3630, -13.4830,
18.5890

■ 50.8350, -3.6690,
5.9230

■ 12.7590, -14.5380,
21.1900

■ 56.4390, -2.6140,
3.3220

■ 10.1010, -15.5010,
22.1230

■ 61.7550, -0.6880,
1.4560

■ 67.6580, 0.9630,
-0.9330

■ 72.6750, 2.2930,
-3.0110

■ 78.5780, 3.9440,
-5.4000

■ 83.5950, 5.2740,
-7.4780

Harmonies

Analogous

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



29.1120, -32.3700, 2.9420



34.5990, -8.5760, 12.2560



34.9990, 10.9090, 17.0610

Triad

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



34.5990, -8.5760, 12.2560



32.3050, 26.8220, -1.5140



28.5300, -22.4640, -11.3920

Complementary

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



34.5990, -8.5760, 12.2560



59.4010, 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.



25.7770, -16.0900, -16.7780



34.5990, -8.5760, 12.2560



32.2280, 16.5530, -8.1430

Square

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



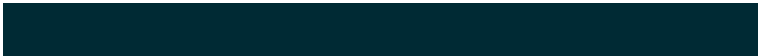
34.5990, -8.5760, 12.2560



32.4120, 28.3790, 8.8190



30.0800, 5.0460, -14.3620



30.5820, -28.2420, -5.7940

Rectangle

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



34.5990, -8.5760, 12.2560



32.7890, 20.3080, 17.4280



30.0800, 5.0460, -14.3620



27.8460, -20.5380, -13.2580

Sweetspot

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



34.5990, -8.5760, 12.2560



72.1940, -3.3020, 4.7780



51.3010, -20.0810, -5.0170



36.2110, -1.9720, 2.7000



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



34.5990, -8.5760, 12.2560



37.3630, -13.4830, 18.5890



39.9810, 2.1520, 16.0720



30.3420, -0.9630, 0.9330



14.9450, -23.3890, 32.9230



34.8050, -53.4280, 76.2360

Inverse Universe

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



43.2980, 11.5050, 17.2730



50.8030, 17.6930, 26.2770



54.0190, -2.1520, -16.0720



31.2390, 0.8250, 1.5690



38.4650, 31.1690, 46.3770



88.9780, 71.5510, 107.5110

Previews

White Background



This preview shows how the YIQ color 34.5990, -8.5760, 12.2560 looks on a white background.

Color Contrast Check

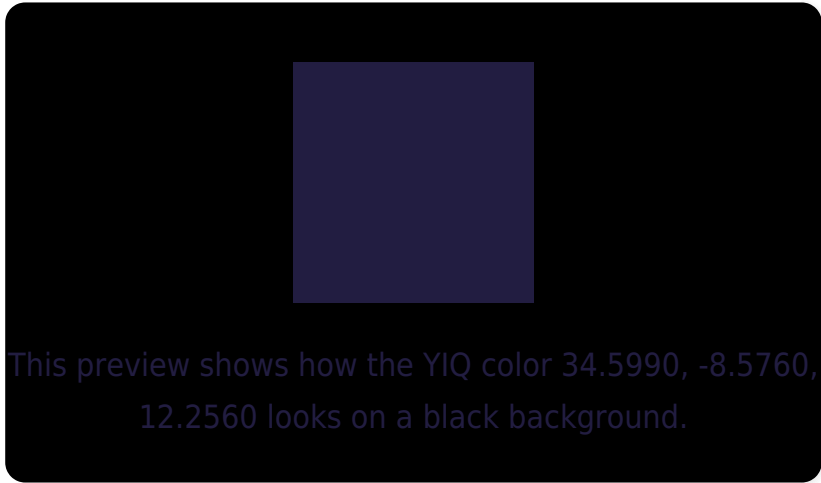
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5990, -8.5760, 12.2560

Background



This preview shows how black text looks on a background with the YIQ color 34.5990, -8.5760, 12.2560.



This preview shows how white text looks on a background with the YIQ color 34.5990, -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

34.5990, -8.5760, 12.2560

Protanopia

29.6290, -26.4560, 5.8960

Deuteranopia

27.6130, -29.5270, 0.9770



Tritanopia

33.6510, -6.3270, -0.9750

Trichromacy



Original Color

34.5990, -8.5760, 12.2560

Protanomaly

31.6190, -20.4960, 8.0160

Deuteranomaly

30.1410, -22.1460, 4.8780

Tritanomaly

33.8130, -6.6030, 4.0290

Monochromacy



Original Color

34.5990, -8.5760, 12.2560

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0800, -2.9810, 4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.5990, -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(34, 29, 65)` looks like.

```
.text, #text, p{  
    color:rgb(34, 29, 65)  
}
```

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(34, 29, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 29, 65) }
```

Border

The CSS property to change the border of an element to YIQ 34.5990, -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(34, 29, 65) }
```


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

```
.border{ border-color:rgb(34, 29, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 29, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 29, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 29, 65);  
box-shadow:4px 4px 4px 4px rgb(34, 29, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.5990, -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(34, 29, 65) }
```

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

```
.background{ background-color: rgb(34, 29,  
65) }
```

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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