

Converting Colors

YIQ(25.0260, 6.2790, 12.8630)

Have a look what the booklet for
YIQ(25.0260, 6.2790, 12.8630)
contains.

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Color

**YIQ(25.0260, 6.2790,
12.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	270F28
RGB	39, 15, 40
RGB Percent	15%, 6%, 16%
CMY	0.8470, 0.9412, 0.8431
CMYK	0.02, 0.63, 0.00, 0.84
HSL	298°, 45%, 11%
HSV	298°, 63%, 16%
XYZ	1.3911, 0.9263, 2.1131
YIQ	25.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

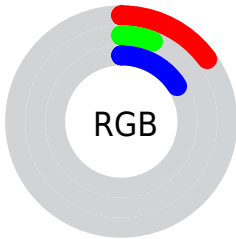
Format	Color
RYB	39, 15, 40
Decimal	2559784
CIELab	8.36, 17.30, -11.74
CIELCh	8, 20.908, 325.828
Yxy	0.9263, 0.3140, 0.2091
Android (android.graphics.Color)	4280749864 (0xFF270F28)
YUV	25.0260, 7.3822, 12.2552
Hunter-Lab	9.6243, 8.9581, -6.2805

Details

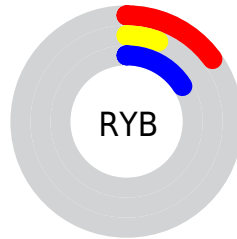
The YIQ color **25.0260, 6.2790, 12.8630** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29.9740, -6.2790, -12.8630**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **69.1510, 7.4250, 14.1210**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.6780, 7.3790, 14.9550**, and if you desaturate by 10%, it is **27.3740, 5.1790, 10.7710**.

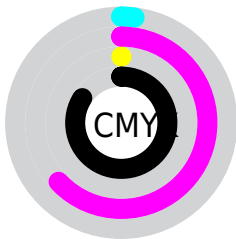
Distribution



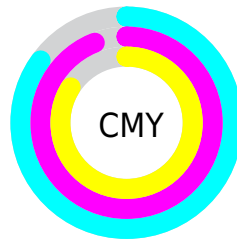
- Red (15%)
- Green (6%)
- Blue (16%)



- Red (15%)
- Yellow (6%)
- Blue (16%)



- Cyan (2%)
- Magenta (63%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.0260, 6.2790, 12.8630 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 25.0260, 6.2790, 12.8630 by changing the saturation by 10% instead.

■ 25.0260, 6.2790,
12.8630

■ 25.0260, 6.2790,
12.8630

■ 246.1950, 4.1250,
7.8450

■ 6.9500, 3.4370,
9.3010

■ 69.1510, 7.4250,
14.1210

■ 0.0000, 0.0000,
0.0000

■ 92.9770, 7.9750,
15.1670

■ 117.3900, 8.2500,
15.6900

■ 143.6890, 8.8460,
15.9020

■ 170.1020, 9.1210,
16.4250

■ 197.5150, 9.3960,

16.9480

■ 224.9280, 9.6710,
17.4710

■ 25.0260, 6.2790,
12.8630

■ 25.0260, 6.2790,
12.8630

■ 22.6780, 7.3790,
14.9550

■ 27.3740, 5.1790,
10.7710

■ 20.3300, 8.4790,
17.0470

■ 29.7220, 4.0790,
8.6790

■ 17.9820, 9.5790,
19.1390

■ 32.0700, 2.9790,
6.5870

■ 15.9220, 9.8080,
20.4960

■ 34.7170, 2.4750,
4.7070

■ 37.0650, 1.3750,
2.6150

■ 39.4130, 0.2750,
0.5230

■ 41.7610, -0.8250,
-1.5690

■ 44.1090, -1.9250,
-3.6610

■ 46.4570, -3.0250,
-5.7530

Harmonies

Analogous

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



23.8930, -9.5840, 8.4960



25.0260, 6.2790, 12.8630



23.3000, 17.1910, 13.3430

Triad

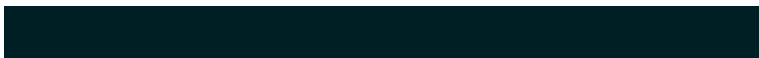
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.0260, 6.2790, 12.8630



23.3680, 13.3430, -5.0330



22.3010, -20.0810, -5.0170

Complementary

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



25.0260, 6.2790, 12.8630



29.9740, -6.2790, -12.8630

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.



21.2920, -15.8620, -9.8940



25.0260, 6.2790, 12.8630



21.8290, 4.4950, -9.8810

Square

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



25.0260, 6.2790, 12.8630



23.1350, 21.5490, 0.4370



17.7240, -8.5710, -15.3790



22.9680, -23.3370, -1.0730

Rectangle

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



25.0260, 6.2790, 12.8630



22.9320, 21.0430, 9.6110



17.7240, -8.5710, -15.3790



22.3180, -18.7510, -7.0950

Sweetspot

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



25.0260, 6.2790, 12.8630



45.1300, 2.7500, 5.2300



18.4370, -8.3000, 7.2520



22.1790, 1.0540, 2.9260



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



25.0260, 6.2790, 12.8630



28.0960, 9.2580, 19.4500



24.0710, 10.4060, 9.6540



18.8260, 0.5500, 1.0460



33.7950, 21.3120, 43.2960



84.8650, 52.9360, 108.9680

Inverse Universe

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



22.5890, 14.5790, 5.6110



24.4760, 22.3270, 8.3670



30.9290, -10.4060, -9.6540



18.5980, 1.1920, 0.4240



25.4580, 49.1010, 18.7410



64.3000, 123.7840, 47.4320

Previews

White Background



This preview shows how the YIQ color 25.0260, 6.2790, 12.8630 looks on a white background.

Color Contrast Check

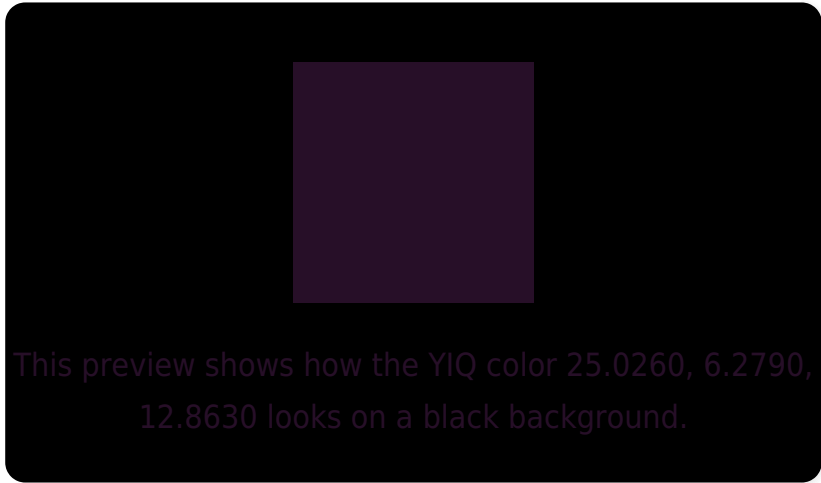
Large Text (above 18pt) WCAG AA ✓ Pass

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

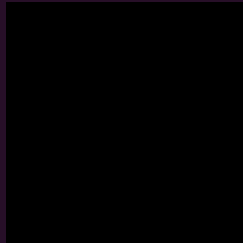
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.0260, 6.2790, 12.8630

Background



This preview shows how black text looks on a background with the YIQ color 25.0260, 6.2790, 12.8630.



This preview shows how white text looks on a background with the YIQ color 25.0260, 6.2790,

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

25.0260, 6.2790, 12.8630

Protanopia

22.9630, -15.7730, 5.0190

Deuteranopia

24.6880, -7.7490, 2.7710



Tritanopia

25.3110, 9.4900, 4.2260

Trichromacy



Original Color

25.0260, 6.2790, 12.8630

Protanomaly

23.8500, -8.0250, 7.7750

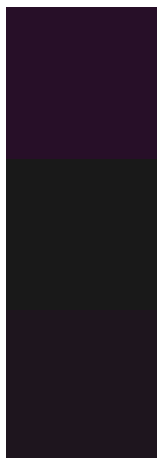
Deuteranomaly

24.5470, -2.7980, 6.6580

Tritanomaly

25.2340, 8.3890, 7.6610

Monochromacy



Original Color

25.0260, 6.2790, 12.8630

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.0260, 6.2790, 12.8630 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(39, 15, 40)` looks like.

```
.text, #text, p{  
    color:rgb(39, 15, 40)  
}
```

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(39, 15, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 15, 40) }
```

Border

The CSS property to change the border of an element to YIQ 25.0260, 6.2790, 12.8630 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(39, 15, 40) }
```


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

```
.border{ border-color:rgb(39, 15, 40) }
```

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

Here you see how a box with a 4 pixel rgb(39, 15, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 15, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 15, 40);  
box-shadow:4px 4px 4px 4px rgb(39, 15, 40)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.0260, 6.2790, 12.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 15, 40) }
```

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

```
.background{ background-color: rgb(39, 15,  
40) }
```

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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