

Converting Colors

YIQ(25.8580, -19.6710, 9.5850)

Have a look what the booklet for
YIQ(25.8580, -19.6710, 9.5850)
contains.

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Color

**YIQ(25.8580, -19.6710,
9.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	0D1940
RGB	13, 25, 64
RGB Percent	5%, 10%, 25%
CMY	0.9490, 0.9019, 0.7491
CMYK	0.80, 0.61, 0.00, 0.75
HSL	226°, 66%, 15%
HSV	226°, 80%, 25%
XYZ	1.4383, 1.1509, 4.9927
YIQ	25.8580, -19.6710, 9.5850

Conversions

Conversions Part 2

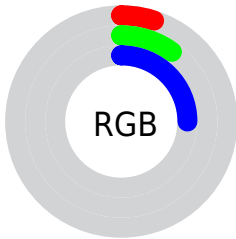
Format	Color
R_{YB}	13, 23, 64
Decimal	858432
CIE _{Lab}	10.19, 10.79, -26.43
CIE _{LCh}	10, 28.546, 292.200
Yxy	1.1509, 0.1897, 0.1518
Android (android.graphics.Color)	4279048512 (0xFF0D1940)
YUV	25.8580, 18.8040, -11.2765
Hunter-Lab	10.7280, 5.1582, -20.0835

Details

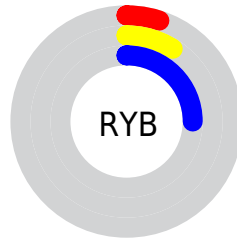
The YIQ color **25.8580, -19.6710, 9.5850** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **51.1420, 19.6710, -9.5850**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **71.5210, -17.1040, 12.6240**, and **2.8670, -6.6950, 5.6970** is the 20% darker color. If you saturate the color by 10%, you get **21.1290, -21.8720, 10.9280**, and if you desaturate by 10%, it is **30.5870, -17.4700, 8.2420**.

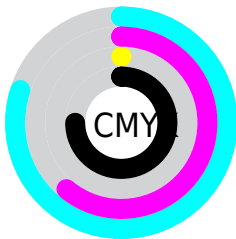
Distribution



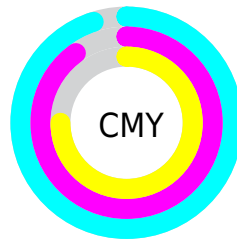
- Red (5%)
- Green (10%)
- Blue (25%)



- Red (5%)
- Yellow (9%)
- Blue (25%)



- Cyan (80%)
- Magenta (61%)
- Yellow (0%)
- Black (75%)



- Cyan (95%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.8580, -19.6710, 9.5850 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 25.8580, -19.6710, 9.5850 by changing the saturation by 10% instead.

■ 25.8580, -19.6710,
9.5850

■ 25.8580, -19.6710,
9.5850

■ 251.4560, -1.2840,
1.2440

■ 4.7880, -13.4820,
13.0620

■ 71.5210, -17.1040,
12.6240

■ 2.8670, -6.6950,
5.6970

■ 95.4610, -16.8750,
13.9810

■ 0.0000, 0.0000,
0.0000

■ 119.9880,
-16.9210, 14.8150

■ 146.1020,
-17.2420, 15.1260

■ 172.6290,
-17.2880, 15.9600

■ 200.1560,

-17.3340, 16.7940

■ 225.7620,
-10.5930, 10.2630

■ 25.8580, -19.6710,
9.5850

■ 25.8580, -19.6710,
9.5850

■ 21.1290, -21.8720,
10.9280

■ 30.5870, -17.4700,
8.2420

■ 16.1010, -24.6690,
12.0590

■ 35.6150, -14.6730,
7.1110

■ 40.3440, -12.4720,
5.7680

■ 45.3720, -9.6750,
4.6370

■ 49.5140, -7.1990,
3.8170

■ 54.2430, -4.9980,
2.4740

■ 59.2710, -2.2010,
1.3430

■ 64.0000, -0.0000,
-0.0000

■ 69.0280, 2.7970,
-1.1310

Harmonies

Analogous

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



26.3080, -29.9860, 3.7900



25.8580, -19.6710, 9.5850



28.4870, 6.5990, 18.0790

Triad

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



25.8580, -19.6710, 9.5850



25.5380, 27.7840, 3.0800



24.2270, -17.2370, -12.5090

Complementary

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



25.8580, -19.6710, 9.5850



51.1420, 19.6710, -9.5850

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.



20.5450, -9.6250, -18.3050



25.8580, -19.6710, 9.5850



26.6350, 16.9650, -4.5950

Square

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



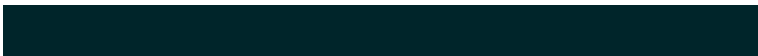
25.8580, -19.6710, 9.5850



23.1290, 30.8540, 13.5260



25.0740, 5.1830, -11.3370



26.5070, -23.6570, -6.2890

Rectangle

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



25.8580, -19.6710, 9.5850



25.4130, 18.6110, 20.6510



25.0740, 5.1830, -11.3370



22.7280, -14.3940, -14.4740

Sweetspot

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



25.8580, -19.6710, 9.5850



69.2150, -7.7950, 3.6050



47.2690, -26.2230, -14.8550



34.1290, -4.6770, 2.1630



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.



25.8580, -19.6710, 9.5850



23.3870, -31.2260, 15.2540



22.7010, -8.6230, 18.6170



30.9290, -1.2380, 0.4100



24.5590, -37.4620, 18.1380



56.6470, -86.4790, 41.9450

Inverse Universe

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



29.6170, 26.5440, 14.5440



29.3850, 42.1770, 23.0810



54.2990, 8.6230, -18.6170



31.0110, 1.4670, 0.9470



31.6250, 50.4290, 27.7170



73.0180, 116.4910, 63.9710

Previews

White Background



This preview shows how the YIQ color 25.8580, -19.6710, 9.5850 looks on a white background.

Color Contrast Check

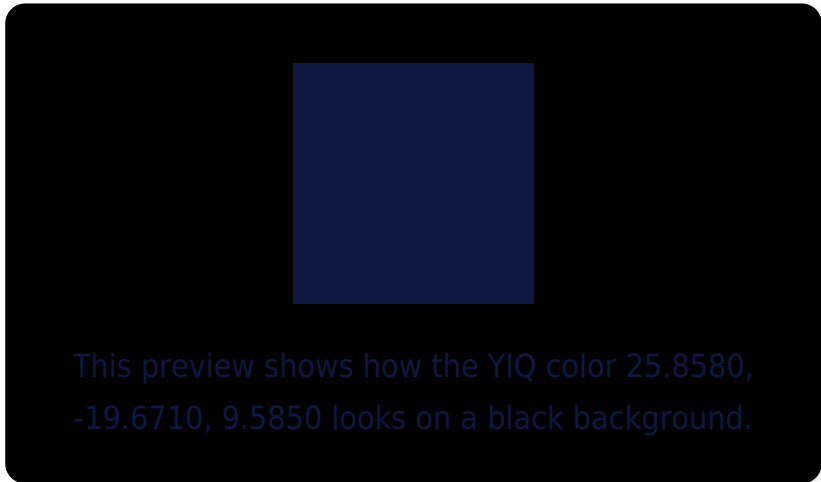
Large Text (above 18pt) WCAG AA ✓ Pass

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

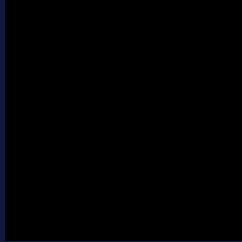
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.8580, -19.6710, 9.5850

Background



This preview shows how black text looks on a background with the YIQ color 25.8580, -19.6710, 9.5850.



This preview shows how white text looks on a background with the YIQ color 25.8580, -19.6710,

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

25.8580, -19.6710, 9.5850

Protanopia

22.4610, -26.0430, 3.9170

Deuteranopia

22.7230, -24.0250, 0.3830



Tritanopia

22.6600, -19.7140, -6.1620

Trichromacy



Original Color

25.8580, -19.6710, 9.5850

Protanomaly

23.5970, -23.4300, 6.1220

Deuteranomaly

24.2010, -22.3750, 3.5210

Tritanomaly

23.6480, -19.4400, -0.1120

Monochromacy



Original Color

25.8580, -19.6710, 9.5850

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.1010, -7.4740, 3.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.8580, -19.6710, 9.5850 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(13, 25, 64)` looks like.

```
.text, #text, p{  
    color:rgb(13, 25, 64)  
}
```

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(13, 25, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 25, 64) }
```

Border

The CSS property to change the border of an element to YIQ 25.8580, -19.6710, 9.5850 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(13, 25, 64) }
```


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

```
.border{ border-color:rgb(13, 25, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 25, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 25, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 25, 64);  
box-shadow:4px 4px 4px 4px rgb(13, 25, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.8580, -19.6710, 9.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 25, 64) }
```

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

```
.background{ background-color: rgb(13, 25,  
64) }
```

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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