

Converting Colors

YIQ(25.8750, -17.2000, 36.4000)

Have a look what the booklet for
YIQ(25.8750, -17.2000, 36.4000)
contains.

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Color

**YIQ(25.8750, -17.2000,
36.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	20076B
RGB	32, 7, 107
RGB Percent	13%, 3%, 42%
CMY	0.8744, 0.9726, 0.5805
CMYK	0.70, 0.93, 0.00, 0.58
HSL	255°, 88%, 22%
HSV	255°, 93%, 42%
XYZ	3.3244, 1.5201, 14.0179
YIQ	25.8750, -17.2000, 36.4000

Conversions

Conversions Part 2

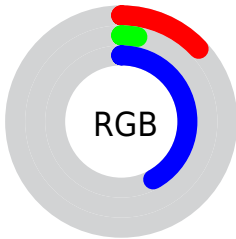
Format	Color
R_{YB}	32, 7, 107
Decimal	2099051
CIE _{Lab}	12.74, 39.66, -51.44
CIE _{LCh}	13, 64.957, 307.628
Yxy	1.5201, 0.1762, 0.0806
Android (android.graphics.Color)	4280289131 (0xFF20076B)
YUV	25.8750, 39.9946, 5.3716
Hunter-Lab	12.3291, 26.5544, -58.7809




Details

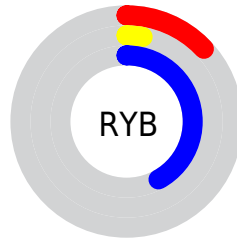
The YIQ color **25.8750, -17.2000, 36.4000** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **88.1250, 17.2000, -36.4000**, and the grayscale version is **25.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **77.1360, -13.4410, 39.8630**, and **6.6120, -18.6180, 18.0380** is the 20% darker color. If you saturate the color by 10%, you get **20.2710, -18.2550, 39.0010**, and if you desaturate by 10%, it is **34.7240, -15.4570, 32.3430**.

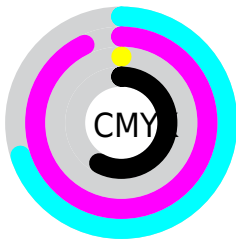
Distribution







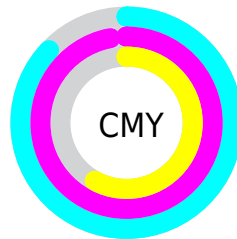
-  Red (13%)
-  Green (3%)
-  Blue (42%)






-  Red (13%)
-  Yellow (3%)
-  Blue (42%)



-  Cyan (70%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (87%)
-  Magenta (97%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.8750, -17.2000, 36.4000 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 25.8750, -17.2000, 36.4000 by changing the saturation by 10% instead.

■ 25.8750, -17.2000,
36.4000

■ 25.8750, -17.2000,
36.4000

■ 246.1950, 4.1250,
7.8450

■ 9.3480, -26.3220,
25.5020

■ 77.1360, -13.4410,
39.8630

■ 6.6120, -18.6180,
18.0380

■ 102.6740,
-12.0200, 41.6440

■ 5.1640, -11.7850,
9.8390

■ 128.9130,
-11.1950, 43.2130

■ 1.2540, -3.5310,
3.4210


■ 155.8530,
-10.9660, 44.5700


■ 0.0000, 0.0000,
0.0000


■ 180.7410, -4.9590,
40.3290


■ 205.2610, 4.9000,


32.3560


 229.1720, 12.1000,
23.0120


 25.8750, -17.2000,
36.4000


 25.8750, -17.2000,
36.4000


 20.2710, -18.2550,
39.0010

 34.7240, -15.4570,
32.3430

 42.9860, -13.4390,
28.8090

 51.8350, -11.6960,
24.7520

 60.6840, -9.9530,
20.6950

 68.9460, -7.9350,
17.1610

■ 77.7950, -6.1920,
13.1040

■ 86.6440, -4.4490,
9.0470

■ 95.4930, -2.7060,
4.9900

■ 103.7550, -0.6880,
1.4560

Harmonies

Analogous

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



36.7840, -51.2170, 19.6230



25.8750, -17.2000, 36.4000



34.6620, 31.8120, 40.2280

Triad

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



25.8750, -17.2000, 36.4000



28.5500, 36.6780, 7.0940



33.1920, -27.3240, -11.4200

Complementary

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



25.8750, -17.2000, 36.4000



88.1250, 17.2000, -36.4000

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.



27.5890, -12.9250, -24.5810



25.8750, -17.2000, 36.4000



30.7000, 9.1720, -12.0440

Square

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



25.8750, -17.2000, 36.4000



27.8070, 55.4280, 19.7160



25.8280, -12.1000, -23.0120



39.4960, -42.3190, 1.5290

Rectangle

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



25.8750, -17.2000, 36.4000



34.9440, 48.2730, 33.7530



25.8280, -12.1000, -23.0120



31.3680, -22.1880, -16.3960

Sweetspot

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



25.8750, -17.2000, 36.4000



108.4360, -6.5590, 14.2490



62.4250, -52.7250, -8.1250



51.5300, -4.1280, 8.7360



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



25.8750, -17.2000, 36.4000



26.4250, -24.0800, 50.9600



40.8250, 12.6000, 47.0000



49.2820, -0.7340, 2.2900



22.0090, -20.2730, 42.5350



46.1690, -42.2890, 89.1270

Inverse Universe

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



45.4500, 35.5250, 44.5250



53.8300, 49.7350, 62.3350



73.1750, -12.6000, -47.0000



50.2500, 2.2920, 2.5160



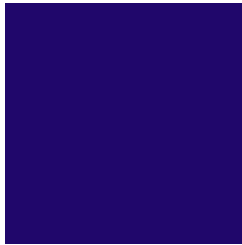
45.0150, 41.4840, 52.1720



94.1170, 87.2770, 108.8530

Previews

White Background



This preview shows how the YIQ color 25.8750, -17.2000, 36.4000 looks on a white background.

Color Contrast Check

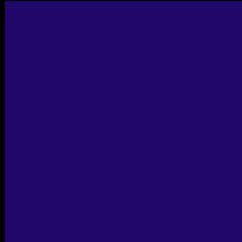
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 25.8750, -17.2000, 36.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

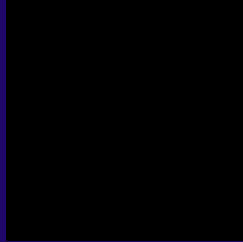
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.8750, -17.2000, 36.4000

Background



This preview shows how black text looks on a background with the YIQ color 25.8750, -17.2000, 36.4000.



This preview shows how white text looks on a background with the YIQ color 25.8750, -17.2000,

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

25.8750, -17.2000, 36.4000

Protanopia

28.1660, -32.4620, 4.6100

Deuteranopia

28.6730, -29.7560, -0.3800



Tritanopia

28.2680, -24.4820, -7.8580

Trichromacy



Original Color

25.8750, -17.2000, 36.4000

Protanomaly

27.3660, -26.7330, 16.4270

Deuteranomaly

27.7420, -25.0360, 13.2040

Tritanomaly

27.5480, -21.7340, 8.4260

Monochromacy



Original Color

25.8750, -17.2000, 36.4000

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.7950, -6.1920, 13.1040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.8750, -17.2000, 36.4000 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(32, 7, 107)` looks like.

```
.text, #text, p{  
    color:rgb(32, 7, 107)  
}
```

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(32, 7, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 7, 107) }
```

Border

The CSS property to change the border of an element to YIQ 25.8750, -17.2000, 36.4000 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(32, 7, 107) }
```


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

```
.border{ border-color:rgb(32, 7, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 7, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 7, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 7, 107);  
box-shadow:4px 4px 4px 4px rgb(32, 7, 107)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.8750, -17.2000, 36.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 7, 107) }
```

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

```
.background{ background-color: rgb(32, 7,  
107) }
```

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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