

Converting Colors

YIQ(24.3060, -17.3360, 27.8480)

Have a look what the booklet for
YIQ(24.3060, -17.3360, 27.8480)
contains.

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Color

**YIQ(24.3060, -17.3360,
27.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	190B5B
RGB	25, 11, 91
RGB Percent	10%, 4%, 36%
CMY	0.9019, 0.9569, 0.6433
CMYK	0.72, 0.88, 0.00, 0.64
HSL	251°, 78%, 20%
HSV	251°, 88%, 36%
XYZ	2.4079, 1.2009, 9.9949
YIQ	24.3060, -17.3360, 27.8480

Conversions

Conversions Part 2

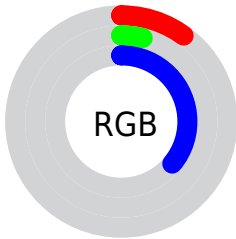
Format	Color
R_{YB}	25, 11, 91
Decimal	1641307
CIE Lab	10.56, 32.35, -44.42
CIE LCh	11, 54.950, 306.064
Yxy	1.2009, 0.1770, 0.0883
Android (android.graphics.Color)	4279831387 (0xFF190B5B)
YUV	24.3060, 32.8801, 0.6086
Hunter-Lab	10.9586, 20.0440, -46.4048

Details

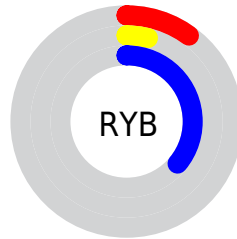
The YIQ color **24.3060, -17.3360, 27.8480** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **77.6940, 17.3360, -27.8480**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.9800, -13.3020, 31.8340**, and **6.7770, -14.9490, 12.1150** is the 20% darker color. If you saturate the color by 10%, you get **16.9300, -19.0330, 31.0710**, and if you desaturate by 10%, it is **31.9810, -15.0430, 24.8370**.

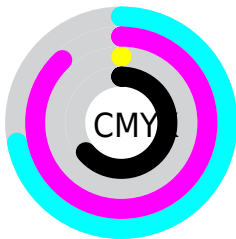
Distribution



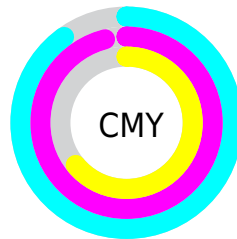
- Red (10%)
- Green (4%)
- Blue (36%)



- Red (10%)
- Yellow (4%)
- Blue (36%)



- Cyan (72%)
- Magenta (88%)
- Yellow (0%)
- Black (64%)



- Cyan (90%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.3060, -17.3360, 27.8480 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 24.3060, -17.3360, 27.8480 by changing the saturation by 10% instead.

■ 24.3060, -17.3360,
27.8480

■ 24.3060, -17.3360,
27.8480

■ 245.6080, 4.4000,
8.3680

■ 7.9370, -20.9110,
21.0490

■ 72.9800, -13.3020,
31.8340

■ 6.7770, -14.9490,
12.1150

■ 97.6320, -12.2020,
33.9260

■ 3.0950, -7.3370,
6.3190

■ 123.5720,
-11.9730, 35.2830

■ 0.0000, 0.0000,
0.0000

■ 149.5120,
-11.7440, 36.6400

■ 176.4520,
-11.5150, 37.9970

■ 201.0860, -1.9770,

30.3350

■ 226.1930, 7.6070,
21.8390

■ 24.3060, -17.3360,
27.8480

■ 24.3060, -17.3360,
27.8480

■ 16.9300, -19.0330,
31.0710

■ 31.9810, -15.0430,
24.8370

■ 15.1580, -19.6750,
31.6930

■ 39.3570, -13.3460,
21.6140

■ 47.0320, -11.0530,
18.6030

■ 54.4080, -9.3560,
15.3800

■ 62.0830, -7.0630,
12.3690

■ 70.0460, -5.6410,
8.6230

■ 77.7210, -3.3480,
5.6120

■ 85.0970, -1.6510,
2.3890

■ 92.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



31.4550, -43.1010, 15.7070



24.3060, -17.3360, 27.8480



29.2650, 25.4400, 34.5600

Triad

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



24.3060, -17.3360, 27.8480



24.9840, 32.4600, 6.4440



28.7580, -23.1060, -10.7700

Complementary

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



24.3060, -17.3360, 27.8480



77.6940, 17.3360, -27.8480

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.



24.0670, -11.2750, -21.4430



24.3060, -17.3360, 27.8480



26.5800, 9.6300, -9.3300

Square

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



24.3060, -17.3360, 27.8480



23.9200, 47.6800, 16.9600



22.3060, -10.4500, -19.8740



34.1500, -35.5330, -0.3090

Rectangle

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



24.3060, -17.3360, 27.8480



29.7040, 40.0210, 29.1170



22.3060, -10.4500, -19.8740



27.1620, -18.6120, -15.1240

Sweetspot

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



24.3060, -17.3360, 27.8480



91.9150, -6.6500, 10.3900



59.4490, -44.1050, -10.1610



43.3620, -3.7150, 6.7570



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



24.3060, -17.3360, 27.8480



19.6170, -25.0410, 40.8390



35.9670, 5.9080, 36.1160



41.8690, -1.0090, 1.7670



18.2210, -23.9860, 38.2380



39.5760, -51.0450, 82.6110

Inverse Universe

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



42.4440, 26.4940, 37.4860



46.0410, 38.5950, 54.9710



66.0330, -5.9080, -36.1160



42.9510, 1.6960, 2.3040



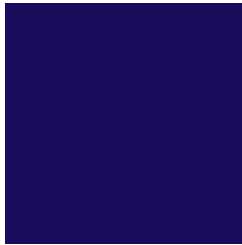
43.1500, 36.6700, 51.3100



93.2070, 78.3360, 111.2000

Previews

White Background



This preview shows how the YIQ color 24.3060, -17.3360, 27.8480 looks on a white background.

Color Contrast Check

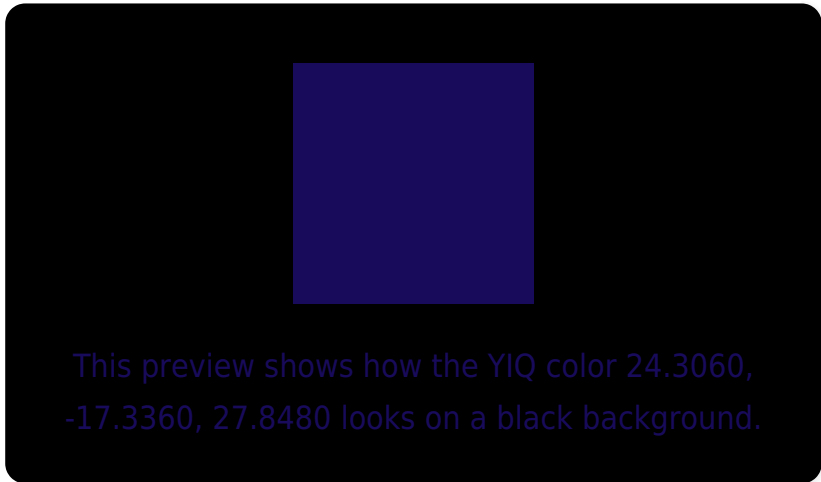
Large Text (above 18pt) WCAG AA ✓ Pass

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

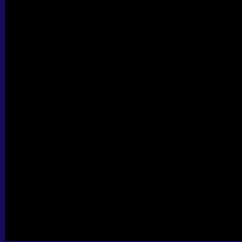
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.3060, -17.3360, 27.8480

Background



This preview shows how black text looks on a background with the YIQ color 24.3060, -17.3360, 27.8480.



This preview shows how white text looks on a background with the YIQ color 24.3060, -17.3360,

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

24.3060, -17.3360, 27.8480

Protanopia

24.6780, -28.1520, 3.5920

Deuteranopia

24.8260, -25.8130, -0.2530



Tritanopia

24.0620, -20.9060, -6.5860

Trichromacy



Original Color

24.3060, -17.3360, 27.8480

Protanomaly

24.5140, -24.3940, 12.5820

Deuteranomaly

24.4170, -22.7430, 10.1930

Tritanomaly

24.3370, -19.7620, 5.7260

Monochromacy



Original Color

24.3060, -17.3360, 27.8480

Achromatopsia

24.0000, -0.0000, 0.0000

Achromatomaly

23.8010, -6.3290, 10.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.3060, -17.3360, 27.8480 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(25, 11, 91)` looks like.

```
.text, #text, p{  
    color:rgb(25, 11, 91)  
}
```

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(25, 11, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 11, 91) }
```

Border

The CSS property to change the border of an element to YIQ 24.3060, -17.3360, 27.8480 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(25, 11, 91) }
```


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

```
.border{ border-color:rgb(25, 11, 91) }
```

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

Here you see how a box with a 4 pixel rgb(25, 11, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 11, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 11, 91);  
box-shadow:4px 4px 4px 4px rgb(25, 11, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.3060, -17.3360, 27.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 11, 91) }
```

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

```
.background{ background-color: rgb(25, 11,  
91) }
```

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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