

Converting Colors

YIQ(21.4360, 2.6090, 24.3130)

Have a look what the booklet for
YIQ(21.4360, 2.6090, 24.3130)
contains.

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Color

**YIQ(21.4360, 2.6090,
24.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	27053C
RGB	39, 5, 60
RGB Percent	15%, 2%, 24%
CMY	0.8469, 0.9804, 0.7647
CMYK	0.35, 0.92, 0.00, 0.76
HSL	277°, 85%, 13%
HSV	277°, 92%, 24%
XYZ	1.7073, 0.8663, 4.3511
YIQ	21.4360, 2.6090, 24.3130

Conversions

Conversions Part 2

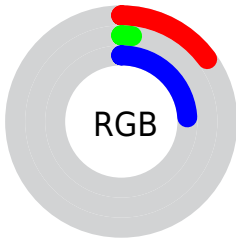
Format	Color
R_{YB}	39, 5, 60
Decimal	2557244
CIE _{Lab}	7.83, 28.25, -27.30
CIE _{LCh}	8, 39.286, 315.983
Yxy	0.8663, 0.2466, 0.1251
Android (android.graphics.Color)	4280747324 (0xFF27053C)
YUV	21.4360, 19.0121, 15.4036
Hunter-Lab	9.3075, 16.4549, -21.2014




Details

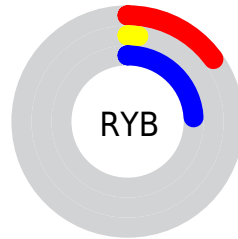
The YIQ color **21.4360, 2.6090, 24.3130** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **43.5640, -2.6090, -24.3130**, and the grayscale version is **21.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **67.6750, 3.4340, 25.8820**, and **2.2970, -5.0900, 4.1420** is the 20% darker color. If you saturate the color by 10%, you get **17.9030, 2.7920, 26.5040**, and if you desaturate by 10%, it is **25.5560, 2.1510, 21.5990**.

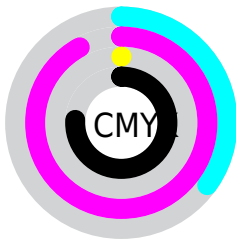
Distribution







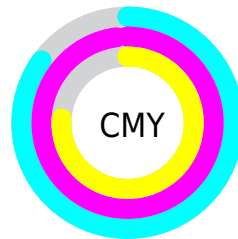
-  Red (15%)
-  Green (2%)
-  Blue (24%)






-  Red (15%)
-  Yellow (2%)
-  Blue (24%)



-  Cyan (35%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (85%)
-  Magenta (98%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.4360, 2.6090, 24.3130 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 21.4360, 2.6090, 24.3130 by changing the saturation by 10% instead.

■ 21.4360, 2.6090,
24.3130

■ 21.4360, 2.6090,
24.3130

■ 241.4990, 6.3250,
12.0290

■ 9.7140, -1.4700,
15.6340

■ 67.6750, 3.4340,
25.8820

■ 2.2970, -5.0900,
4.1420

■ 91.5010, 3.9840,
26.9280

■ 0.0000, 0.0000,
0.0000

■ 117.0280, 3.9380,
27.7620

■ 142.8540, 4.4880,
28.8080

■ 169.6800, 5.0380,
29.8540


■ 197.0930, 5.3130,

30.3770

 223.5680, 11.0450,
25.6130


 21.4360, 2.6090,
24.3130


 21.4360, 2.6090,
24.3130


 17.9030, 2.7920,
26.5040

 25.5560, 2.1510,
21.5990

 29.9750, 2.2890,
19.0970

 34.0950, 1.8310,
16.3830

 38.2150, 1.3730,
13.6690

 42.3350, 0.9150,
10.9550

■ 46.7540, 1.0530,
8.4530

■ 50.8740, 0.5950,
5.7390

■ 54.9940, 0.1370,
3.0250

■ 59.4130, 0.2750,
0.5230

Harmonies

Analogous

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



21.3500, -29.8040, 11.5080



21.4360, 2.6090, 24.3130



22.3430, 24.8000, 24.1280

Triad

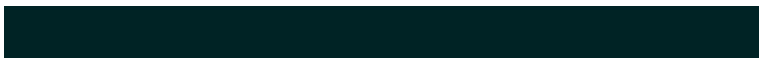
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.4360, 2.6090, 24.3130



22.5260, 18.8900, -0.9340



24.7630, -21.5020, -6.7980

Complementary

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



21.4360, 2.6090, 24.3130



43.5640, -2.6090, -24.3130

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.



20.4140, -10.6340, -16.5380



21.4360, 2.6090, 24.3130



20.3340, 1.5150, -10.9410

Square

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



21.4360, 2.6090, 24.3130



17.0430, 33.9720, 12.0840



19.3710, -9.0750, -17.2590



27.4990, -29.2060, 0.6660

Rectangle

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



21.4360, 2.6090, 24.3130



21.6010, 32.6410, 19.6890



19.3710, -9.0750, -17.2590



23.7370, -18.6130, -9.5970

Sweetspot

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



21.4360, 2.6090, 24.3130



63.6940, 1.2820, 9.8100



23.5970, -23.4300, 6.1220



31.2870, 0.8700, 6.2620



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



21.4360, 2.6090, 24.3130



23.6570, 3.8450, 34.9570



27.0310, 17.0510, 26.8990



28.6410, -0.3670, 1.1450



28.0580, 4.3940, 41.5300



66.2710, 10.3900, 98.0860

Inverse Universe

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



23.8390, 26.0390, 18.1910



27.0410, 37.4540, 26.0780



37.9690, -17.0510, -26.8990



29.0110, 1.4670, 0.9470



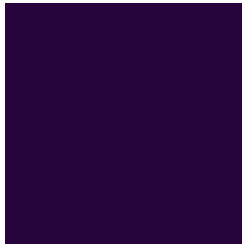
32.2100, 44.4680, 31.1240



76.0680, 105.0270, 73.4990

Previews

White Background



This preview shows how the YIQ color 21.4360, 2.6090, 24.3130 looks on a white background.

Color Contrast Check

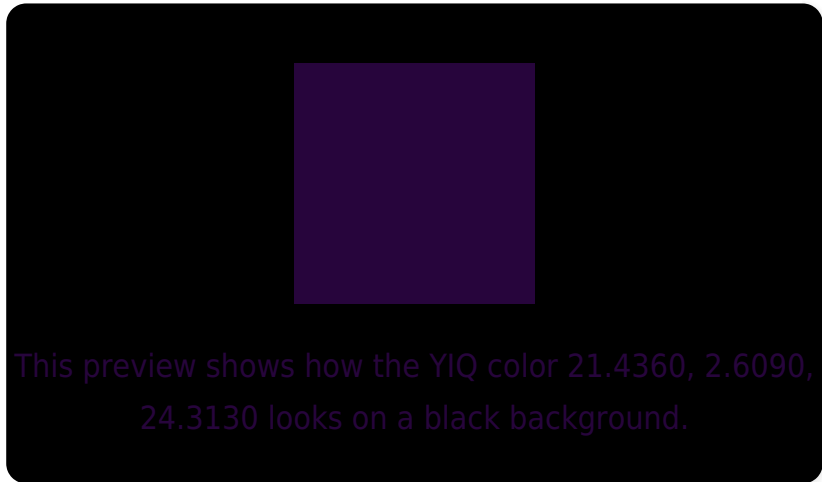
Large Text (above 18pt) WCAG AA ✓ Pass

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

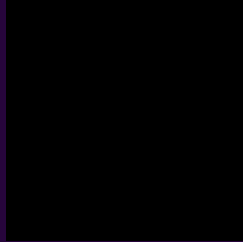
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.4360, 2.6090, 24.3130

Background



This preview shows how black text looks on a background with the YIQ color 21.4360, 2.6090, 24.3130.



This preview shows how white text looks on a background with the YIQ color 21.4360, 2.6090,

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

21.4360, 2.6090, 24.3130

Protanopia

20.7170, -23.8880, 3.4080

Deuteranopia

21.0930, -22.1910, 0.1850



Tritanopia

26.9190, 4.7220, 2.5300

Trichromacy



Original Color

21.4360, 2.6090, 24.3130

Protanomaly

21.1360, -14.5820, 10.9700

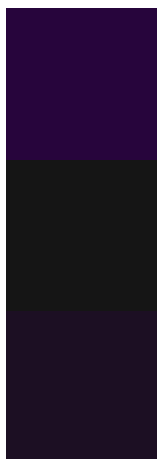
Deuteranomaly

21.1530, -13.2520, 8.8920

Tritanomaly

24.7760, 3.9870, 10.3470

Monochromacy



Original Color

21.4360, 2.6090, 24.3130

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

21.1670, 1.3280, 8.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.4360, 2.6090, 24.3130 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, 5, 60)` looks like.

```
.text, #text, p{  
    color:rgb(39, 5, 60)  
}
```

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, 5, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 5, 60) }
```

Border

The CSS property to change the border of an element to YIQ 21.4360, 2.6090, 24.3130 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, 5, 60) }
```


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

```
.border{ border-color:rgb(39, 5, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 5, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 5, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 5, 60); box-shadow:4px  
4px 4px 4px rgb(39, 5, 60) }
```

Background

The CSS property to change the background color of an element to YIQ 21.4360, 2.6090, 24.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 5, 60) }
```

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

```
.background{ background-color: rgb(39, 5,  
60) }
```

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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