

Converting Colors

YIQ(25.5040, -43.6560, 42.2960)

Have a look what the booklet for
YIQ(25.5040, -43.6560, 42.2960)
contains.

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Color

**YIQ(25.5040, -43.6560,
42.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	0A0A92
RGB	10, 10, 146
RGB Percent	4%, 4%, 57%
CMY	0.9606, 0.9608, 0.4277
CMYK	0.93, 0.93, 0.00, 0.43
HSL	240°, 87%, 31%
HSV	240°, 93%, 57%
XYZ	5.4168, 2.3549, 27.3342
YIQ	25.5040, -43.6560, 42.2960

Conversions

Conversions Part 2

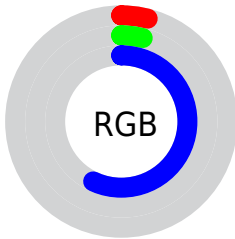
Format	Color
R_{YB}	10, 10, 146
Decimal	658066
CIE Lab	17.25, 49.10, -68.84
CIE LCh	17, 84.556, 305.497
Yxy	2.3549, 0.1543, 0.0671
Android (android.graphics.Color)	4278848146 (0xFF0A0A92)
YUV	25.5040, 59.4045, -13.5970
Hunter-Lab	15.3456, 36.1531, -94.8679

Details

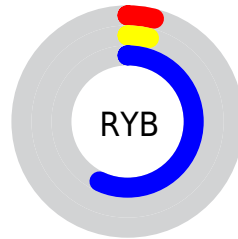
The YIQ color **25.5040, -43.6560, 42.2960** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **130.4960, 43.6560, -42.2960**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **85.0440, -27.3810, 50.2110**, and **10.7160, -30.1740, 29.2340** is the 20% darker color. If you saturate the color by 10%, you get **16.6440, -46.8660, 45.4060**, and if you desaturate by 10%, it is **38.7940, -38.8410, 37.6310**.

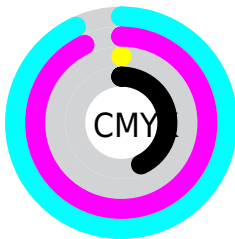
Distribution



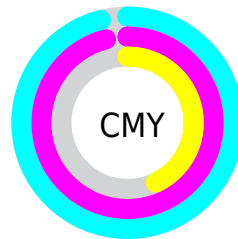
- Red (4%)
- Green (4%)
- Blue (57%)



- Red (4%)
- Yellow (4%)
- Blue (57%)



- Cyan (93%)
- Magenta (93%)
- Yellow (0%)
- Black (43%)





- Cyan (96%)
- Magenta (96%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 25.5040, -43.6560, 42.2960 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 25.5040, -43.6560, 42.2960 by changing the saturation by 10% instead.


 25.5040, -43.6560,
42.2960


 25.5040, -43.6560,
42.2960


 250.8910, 1.9250,
3.6610


 13.5660, -38.1990,
37.0090


 85.0440, -27.3810,
50.2110


 10.7160, -30.1740,
29.2340


 111.9950,
-25.6850, 52.5150

 12.5620, -24.3490,
17.2750

 138.4900,
-22.7050, 53.5750

 7.0050, -15.5910,
12.7370

 162.7220,
-11.9750, 46.3370

 3.3230, -7.9790,
6.9410

 187.2420, -2.1160,
38.3640

 0.0000, 0.0000,
0.0000

 212.9470, 8.6600,

30.2920

■ 233.8680, 9.9000,
18.8280

■ 25.5040, -43.6560,
42.2960

■ 25.5040, -43.6560,
42.2960

■ 16.6440, -46.8660,
45.4060

■ 38.7940, -38.8410,
37.6310

■ 51.1980, -34.3470,
33.2770

■ 64.4880, -29.5320,
28.6120

■ 76.8920, -25.0380,
24.2580

■ 90.1820, -20.2230,
19.5930

■ 103.4720,
-15.4080, 14.9280

■ 115.8760,
-10.9140, 10.5740

■ 129.1660, -6.0990,
5.9090

■ 141.5700, -1.6050,
1.5550

Harmonies

Analogous

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



49.9040, -68.8700, 25.6740



25.5040, -43.6560, 42.2960



45.5140, 38.6410, 54.1370

Triad

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



25.5040, -43.6560, 42.2960



31.9050, 52.0360, 15.1080



41.2620, -33.5130, -14.8970

Complementary

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



25.5040, -43.6560, 42.2960



130.4960, 43.6560, -42.2960

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.



34.6330, -16.2250, -30.8570



25.5040, -43.6560, 42.2960



39.5710, 13.8490, -14.2070

Square

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



25.5040, -43.6560, 42.2960



36.7770, 73.3080, 26.0760



32.2850, -15.1250, -28.7650



49.9770, -53.9190, 2.5050

Rectangle

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



25.5040, -43.6560, 42.2960



46.3360, 62.2090, 45.5130



32.2850, -15.1250, -28.7650



38.7540, -26.4510, -21.7390

Sweetspot

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



25.5040, -43.6560, 42.2960



142.0420, -17.0130, 16.4830



105.3360, -81.0560, -28.8320



65.6480, -10.2720, 9.9520



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



25.5040, -43.6560, 42.2960



21.5460, -60.6690, 58.7790



45.8360, -3.1280, 56.7120



67.7980, -2.2470, 2.1770



15.7320, -44.2980, 42.9180



1.1400, -3.2100, 3.1100

Inverse Universe

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



66.1680, 37.4000, 71.1280



78.0570, 51.9750, 98.8470



110.1640, 3.1280, -56.7120



69.8910, 1.9250, 3.6610



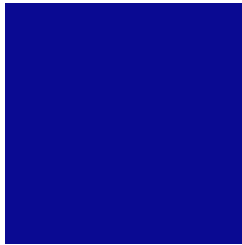
56.9940, 37.9500, 72.1740



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 25.5040, -43.6560, 42.2960 looks on a white background.

Color Contrast Check

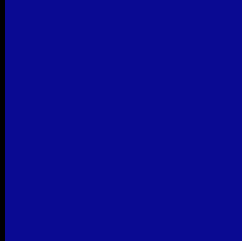
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5040, -43.6560, 42.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

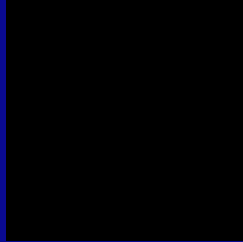
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.5040, -43.6560, 42.2960

Background



This preview shows how black text looks on a background with the YIQ color 25.5040, -43.6560, 42.2960.



This preview shows how white text looks on a background with the YIQ color 25.5040, -43.6560,

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

25.5040, -43.6560, 42.2960

Protanopia

35.6150, -41.0360, 5.8120

Deuteranopia

35.7800, -37.3670, -0.1110



Tritanopia

35.2780, -30.4420, -9.9780

Trichromacy



Original Color

25.5040, -43.6560, 42.2960

Protanomaly

32.0470, -41.7720, 19.1560

Deuteranomaly

32.1950, -39.4330, 15.3110

Tritanomaly

31.5450, -34.8470, 9.2890

Monochromacy



Original Color

25.5040, -43.6560, 42.2960

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.7000, -16.0500, 15.5500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.5040, -43.6560, 42.2960 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(10, 10, 146)` looks like.

```
.text, #text, p{  
    color:rgb(10, 10, 146)  
}
```

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(10, 10, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 10, 146) }
```

Border

The CSS property to change the border of an element to YIQ 25.5040, -43.6560, 42.2960 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(10, 10, 146) }
```


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

```
.border{ border-color:rgb(10, 10, 146) }
```

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

Here you see how a box with a 4 pixel rgb(10, 10, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 10, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 10, 146);  
box-shadow:4px 4px 4px 4px rgb(10, 10,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 25.5040, -43.6560, 42.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 10, 146) }
```

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

```
.background{ background-color: rgb(10, 10,  
146) }
```

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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