

Converting Colors

YIQ(47.6530, -25.8630, 22.6890)

Have a look what the booklet for
YIQ(47.6530, -25.8630, 22.6890)
contains.

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Color

**YIQ(47.6530, -25.8630,
22.6890)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 252873 |
| RGB | 37, 40, 115 |
| RGB Percent | 15%, 16%, 45% |
| CMY | 0.8548, 0.8431, 0.5492 |
| CMYK | 0.68, 0.65, 0.00, 0.55 |
| HSL | 238°, 51%, 30% |
| HSV | 238°, 68%, 45% |
| XYZ | 4.6143, 3.1480, 16.5717 |
| YIQ | 47.6530, -25.8630, 22.6890 |

Conversions

Conversions Part 2

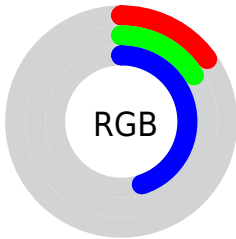
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 37, 40, 115 |
| Decimal | 2435187 |
| CIE _{Lab} | 20.63, 24.52, -43.63 |
| CIE _{LCh} | 21, 50.052, 299.339 |
| Yxy | 3.1480, 0.1896, 0.1294 |
| Android (android.graphics.Color) | 4280625267 (0xFF252873) |
| YUV | 47.6530, 33.2021, -9.3427 |
| Hunter-Lab | 17.7427, 15.3722, -42.9570 |

Details

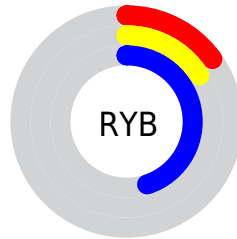
The YIQ color **47.6530, -25.8630, 22.6890** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **104.3470, 25.8630, -22.6890**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.5550, -22.4710, 27.2970**, and **7.5240, -21.1860, 20.5260** is the 20% darker color. If you saturate the color by 10%, you get **37.9070, -29.3940, 26.1100**, and if you desaturate by 10%, it is **57.6980, -21.7360, 19.4800**.

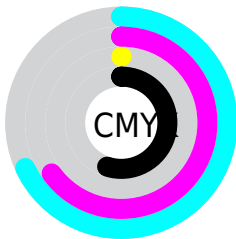
Distribution



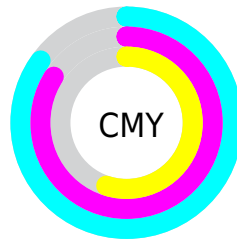
- Red (15%)
- Green (16%)
- Blue (45%)



- Red (15%)
- Yellow (16%)
- Blue (45%)



- Cyan (68%)
- Magenta (65%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.6530, -25.8630, 22.6890 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 47.6530, -25.8630, 22.6890 by changing the saturation by 10% instead.

■ 47.6530, -25.8630,
22.6890

■ 47.6530, -25.8630,
22.6890

■ 255.0000, -0.0000,
-0.0000

■ 22.0000, -34.3900,
17.5300

■ 96.5550, -22.4710,
27.2970

■ 7.5240, -21.1860,
20.5260

■ 122.3810,
-21.9210, 28.3430

■ 6.6630, -14.6280,
11.8040

■ 148.3210,
-21.6920, 29.7000

■ 2.9810, -7.0160,
6.0080

■ 175.2610,
-21.4630, 31.0570

■ 0.0000, 0.0000,
0.0000

■ 200.1230,
-12.5670, 24.0170

■ 225.2300, -2.9830,

15.5210

249.1300, 2.7500,
5.2300

47.6530, -25.8630,
22.6890

47.6530, -25.8630,
22.6890

37.9070, -29.3940,
26.1100

57.6980, -21.7360,
19.4800

27.8620, -33.5210,
29.3190

67.4440, -18.2050,
16.0590

18.1160, -37.0520,
32.7400

77.4890, -14.0780,
12.8500

15.4580, -38.0150,
33.6730

87.2350, -10.5470,
9.4290

96.9810, -7.0160,
6.0080

■ 107.0260, -2.8890,
2.7990

■ 116.7720, 0.6420,
-0.6220

■ 126.8170, 4.7690,
-3.8310

■ 136.5630, 8.3000,
-7.2520

Harmonies

Analogous

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



46.5350, -55.2500, 10.1100



47.6530, -25.8630, 22.6890



43.6980, 22.9630, 40.9070

Triad

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



47.6530, -25.8630, 22.6890



45.4060, 45.7110, 3.0790



43.0400, -33.0080, -18.5440

Complementary

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



47.6530, -25.8630, 22.6890



104.3470, 25.8630, -22.6890

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.



36.9640, -18.6550, -30.8710



47.6530, -25.8630, 22.6890



47.0130, 24.3480, -11.7480

Square

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



47.6530, -25.8630, 22.6890



34.1160, 59.2320, 27.8720



41.2330, -0.1790, -24.2990



47.2580, -44.8850, -7.0370

Rectangle

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



47.6530, -25.8630, 22.6890



38.9900, 42.6320, 42.3760



41.2330, -0.1790, -24.2990



40.9710, -28.5600, -22.0640

Sweetspot

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



47.6530, -25.8630, 22.6890



124.5940, -10.1800, 8.2840



91.2220, -45.2040, -17.7800



60.7530, -6.3740, 5.3860



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



47.6530, -25.8630, 22.6890



45.1420, -39.9410, 35.5390



56.3570, -4.1780, 31.6780



53.6840, -1.9260, 1.8660



16.8430, -40.5370, 35.3270



34.3700, -83.0000, 72.5200

Inverse Universe

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



60.6640, 45.5250, 17.4690



65.6350, 70.8320, 26.8960



95.6430, 4.1780, -31.6780



54.7940, 3.5760, 1.2720



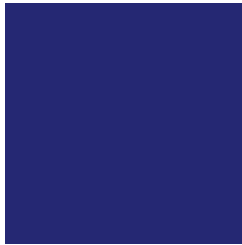
37.0480, 71.1070, 27.4190



75.8900, 145.7900, 56.1100

Previews

White Background



This preview shows how the YIQ color 47.6530, -25.8630, 22.6890 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 47.6530, -25.8630, 22.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

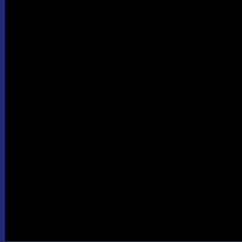
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.6530, -25.8630, 22.6890

Background



This preview shows how black text looks on a background with the YIQ color 47.6530, -25.8630, 22.6890.



This preview shows how white text looks on a background with the YIQ color 47.6530, -25.8630,

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

47.6530, -25.8630, 22.6890

Protanopia

39.8040, -45.9420, 6.6180

Tritanopia

39.1250, -34.3850, -10.1050

Trichromacy



Original Color

47.6530, -25.8630, 22.6890

Protanomaly

42.5000, -38.9740, 12.4980

Tritanomaly

42.3570, -31.6820, 1.4860

Monochromacy



Original Color

47.6530, -25.8630, 22.6890

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.7790, -9.2630, 8.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.6530, -25.8630, 22.6890 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(37, 40, 115)` looks like.

```
.text, #text, p{  
    color:rgb(37, 40, 115)  
}
```

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(37, 40, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 40, 115) }
```

Border

The CSS property to change the border of an element to YIQ 47.6530, -25.8630, 22.6890 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(37, 40, 115) }
```

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

```
.border{ border-color:rgb(37, 40, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 40, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 40, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 40, 115);  
box-shadow:4px 4px 4px 4px rgb(37, 40,  
115) }
```


Background

The CSS property to change the background color of an element to YIQ 47.6530, -25.8630, 22.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 40, 115) }
```

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

```
.background{ background-color: rgb(37, 40,  
115) }
```

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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