

Converting Colors

YIQ(25.5170, -45.6710, 29.2490)

Have a look what the booklet for
YIQ(25.5170, -45.6710, 29.2490)
contains.

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Color

**YIQ(25.5170, -45.6710,
29.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	00137E
RGB	0, 19, 126
RGB Percent	0%, 7%, 49%
CMY	0.9999, 0.9255, 0.5061
CMYK	1.00, 0.85, 0.00, 0.51
HSL	231°, 100%, 25%
HSV	231°, 100%, 49%
XYZ	3.9946, 1.9707, 19.8857
YIQ	25.5170, -45.6710, 29.2490

Conversions

Conversions Part 2

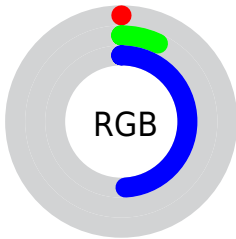
Format	Color
RYB	0, 17, 126
Decimal	4990
CIELab	15.33, 38.79, -59.45
CIELCh	15, 70.984, 303.120
Yxy	1.9707, 0.1545, 0.0762
Android (android.graphics.Color)	4278195070 (0xFF00137E)
YUV	25.5170, 49.5381, -22.3784
Hunter-Lab	14.0381, 26.2267, -74.1609

Details

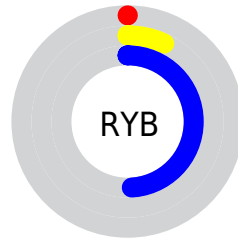
The YIQ color **25.5170, -45.6710, 29.2490** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **100.4830, 45.6710, -29.2490**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **82.0080, -27.7000, 39.4680**, and **8.5500, -24.0750, 23.3250** is the 20% darker color. If you saturate the color by 10%, you get **25.5170, -45.6710, 29.2490**, and if you desaturate by 10%, it is **35.8610, -40.9480, 26.2520**.

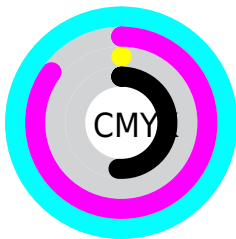
Distribution



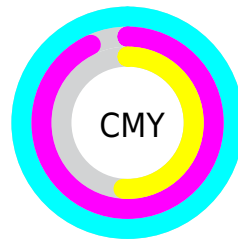
- Red (0%)
- Green (7%)
- Blue (49%)



- Red (0%)
- Yellow (7%)
- Blue (49%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.5170, -45.6710, 29.2490 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 25.5170, -45.6710, 29.2490 by changing the saturation by 10% instead.

■ 25.5170, -45.6710,
29.2490

■ 25.5170, -45.6710,
29.2490

■ 251.4780, 1.6500,
3.1380

■ 11.4000, -32.1000,
31.1000

■ 82.0080, -27.7000,
39.4680

■ 8.5500, -24.0750,
23.3250

■ 107.9590,
-26.0040, 41.7720

■ 8.2760, -17.7920,
14.0800

■ 134.6110,
-24.9040, 43.8640

■ 4.5940, -10.1800,
8.2840

■ 160.5960,
-20.5480, 42.0120

■ 0.0000, 0.0000,
0.0000

■ 184.5290,
-10.4140, 34.5620

■ 209.6360, -0.8300,

26.0660

■ 235.0420, 9.3500,
17.7820

■ 25.5170, -45.6710,
29.2490

■ 35.8610, -40.9480,
26.2520

■ 45.3190, -36.5460,
23.5660

■ 55.6630, -31.8230,
20.5690

■ 65.7080, -27.6960,
17.3600

■ 75.4650, -22.6980,
14.8860

■ 85.8090, -17.9750,
11.8890

■ 95.8540, -13.8480,
8.6800

■ 106.1980, -9.1250,
5.6830

■ 115.6560, -4.7230,
2.9970

Harmonies

Analogous

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



44.0050, -59.1490, 20.2030



25.5170, -45.6710, 29.2490



38.6930, 30.5270, 46.9990

Triad

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



25.5170, -45.6710, 29.2490



29.2140, 46.6720, 13.2000



37.1870, -28.9280, -15.3920

Complementary

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



25.5170, -45.6710, 29.2490



100.4830, 45.6710, -29.2490

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.



31.6980, -14.8500, -28.2420



25.5170, -45.6710, 29.2490



36.0490, 15.4990, -11.0690

Square

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



25.5170, -45.6710, 29.2490



32.2920, 64.3680, 22.8960



28.7630, -13.4750, -25.6270



43.5880, -45.5740, -0.0540

Rectangle

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



25.5170, -45.6710, 29.2490



40.0140, 51.2520, 40.3400



28.7630, -13.4750, -25.6270



34.5480, -22.8750, -20.4670

Sweetspot

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



25.5170, -45.6710, 29.2490



124.2820, -17.9290, 11.0550



85.9320, -68.3550, -33.2430



58.3550, -11.0050, 6.7150



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



25.5170, -45.6710, 29.2490



33.2570, -59.1980, 37.6180



26.9220, -15.4140, 48.0900



58.3850, -2.5220, 1.6540



25.7450, -46.3130, 29.8710



0.0000, 0.0000, 0.0000

Inverse Universe

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



39.8400, 68.9970, 32.6210



51.5870, 89.1230, 42.3310



99.0780, 15.4140, -48.0900



59.2070, 3.8510, 1.7950



40.4380, 70.1890, 33.0450



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 25.5170, -45.6710, 29.2490 looks on a white background.

Color Contrast Check

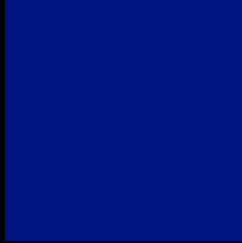
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5170, -45.6710, 29.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

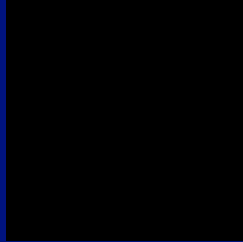
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.5170, -45.6710, 29.2490

Background



This preview shows how black text looks on a background with the YIQ color 25.5170, -45.6710, 29.2490.



This preview shows how white text looks on a background with the YIQ color 25.5170, -45.6710,

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

25.5170, -45.6710, 29.2490

Protanopia

32.2410, -37.0470, 5.1050

Deuteranopia

32.6340, -34.0200, -0.1960



Tritanopia

31.7730, -27.4620, -8.9180

Trichromacy



Original Color

25.5170, -45.6710, 29.2490

Protanomaly

29.9560, -40.2580, 13.7420

Deuteranomaly

30.2180, -38.2400, 10.2080

Tritanomaly

29.7960, -34.2960, 4.8080

Monochromacy



Original Color

25.5170, -45.6710, 29.2490

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.6520, -16.0950, 10.8570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.5170, -45.6710, 29.2490 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(0, 19, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 19, 126)  
}
```

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(0, 19, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 19, 126) }
```

Border

The CSS property to change the border of an element to YIQ 25.5170, -45.6710, 29.2490 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(0, 19, 126) }
```


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

```
.border{ border-color:rgb(0, 19, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 19, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 19, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 19, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 19, 126)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.5170, -45.6710, 29.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 19, 126) }
```

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

```
.background{ background-color: rgb(0, 19,  
126) }
```

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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