

Converting Colors

YIQ(105.9410, -27.8750,
-6.9390)

Have a look what the booklet for
YIQ(105.9410, -27.8750, -6.9390)
contains.

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Color

**YIQ(105.9410, -27.8750,
-6.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	4B767D
RGB	75, 118, 125
RGB Percent	29%, 46%, 49%
CMY	0.7060, 0.5372, 0.5099
CMYK	0.40, 0.06, 0.00, 0.51
HSL	188°, 25%, 39%
HSV	188°, 40%, 49%
XYZ	13.0800, 15.9359, 21.7787
YIQ	105.9410, -27.8750, -6.9390

Conversions

Conversions Part 2

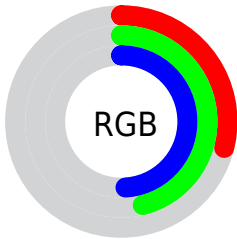
Format	Color
R_{YB}	75, 98, 125
Decimal	4945533
CIE _{Lab}	46.89, -12.94, -8.53
CIE _{LCh}	47, 15.497, 213.410
Yxy	15.9359, 0.2575, 0.3137
Android (android.graphics.Color)	4283135613 (0xFF4B767D)
YUV	105.9410, 9.3961, -27.1353
Hunter-Lab	39.9198, -11.3726, -4.4025

Details

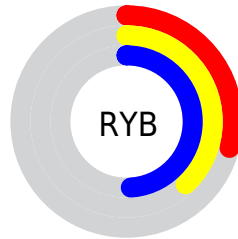
The YIQ color $105.9410, -27.8750, -6.9390$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $94.0590, 27.8750, 6.9390$, and the grayscale version is $106.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $157.7560, -28.7920, -6.8400$, and $57.2290, -28.7460, -7.6740$ is the 20% darker color. If you saturate the color by 10%, you get $100.8800, -35.0730, -8.6490$, and if you desaturate by 10%, it is $110.7030, -21.2730, -5.4410$.

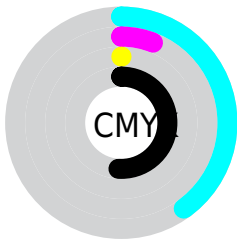
Distribution



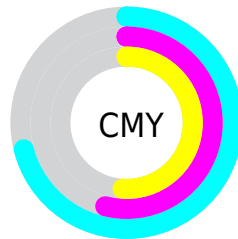
- Red (29%)
- Green (46%)
- Blue (49%)



- Red (29%)
- Yellow (38%)
- Blue (49%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.9410, -27.8750, -6.9390 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 105.9410, -27.8750, -6.9390 by changing the saturation by 10% instead.

■ 105.9410,
-27.8750, -6.9390

■ 105.9410,
-27.8750, -6.9390

■ 255.0000, -0.0000,
-0.0000

■ 80.9410, -27.8750,
-6.9390

■ 157.7560,
-28.7920, -6.8400

■ 57.2290, -28.7460,
-7.6740

■ 185.3430,
-29.0670, -7.3630

■ 33.6310, -29.9380,
-8.0980

■ 213.0440,
-29.6630, -7.5750

■ 19.4970, -17.6970,
-4.1690

■ 240.3600,
-27.7370, -9.4410

■ 0.9120, -2.5680,
2.4880

■ 249.6180,
-10.7280, -3.8160

■ 0.0000, 0.0000,
0.0000

■ 105.9410,
-27.8750, -6.9390

■ 105.9410,
-27.8750, -6.9390

■ 100.8800,
-35.0730, -8.6490

■ 110.7030,
-21.2730, -5.4410

■ 96.7050, -41.9500,
-10.6700

■ 115.1770,
-13.8000, -3.2080

■ 91.6440, -49.1480,
-12.3800

■ 119.9390, -7.1980,
-1.7100

■ 86.8820, -55.7500,
-13.8780

■ 125.0000, 0.0000,
0.0000

■ 81.8210, -62.9480,
-15.5880

■ 129.7620, 6.6020,
1.4980

■ 77.6460, -69.8250,
-17.6090

■ 134.2360, 14.0750,
3.7310

■ 138.9980, 20.6770,
5.2290

■ 144.0590, 27.8750,

6.9390

■ 148.8210, 34.4770,
8.4370

Harmonies

Analogous

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



106.2420, -21.5930, -10.6570



105.9410, -27.8750, -6.9390



107.8860, -26.0420, -1.6100

Triad

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



105.9410, -27.8750, -6.9390



113.6410, 8.8010, 11.2090



110.7270, 13.7100, -6.1780

Complementary

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



105.9410, -27.8750, -6.9390



94.0590, 27.8750, 6.9390

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.



111.4230, 20.6780, -0.2980



105.9410, -27.8750, -6.9390



113.3770, 18.2920, 9.9080

Square

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



105.9410, -27.8750, -6.9390



112.3560, -3.5780, 9.7820



112.4820, 22.1900, 5.3420



109.0460, 2.3860, -10.2060

Rectangle

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



105.9410, -27.8750, -6.9390



109.4570, -20.2200, 3.0120



112.4820, 22.1900, 5.3420



110.8630, 16.3230, -3.9730

Sweetspot

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



105.9410, -27.8750, -6.9390



155.5580, -10.4990, -2.4590



105.1480, -15.9970, -23.9730



77.2380, -6.6020, -1.4980



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.



105.9410, -27.8750, -6.9390



133.2210, -43.4630, -10.7830



91.2660, -21.0000, 6.1360



61.3200, -3.8970, -0.9610



79.1620, -71.3380, -17.7220



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.8520, 15.9970, 23.9730



115.9600, 24.9810, 37.3730



108.7340, 21.0000, -6.1360



59.7770, 2.2460, 3.3500



50.8120, 40.9780, 61.3460



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 105.9410, -27.8750, -6.9390 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 × Fail

Black Background



This preview shows how the YIQ color 105.9410, -27.8750, -6.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

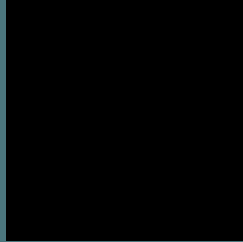
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.9410, -27.8750, -6.9390

Background



This preview shows how black text looks on a background with the YIQ color 105.9410, -27.8750, -6.9390.



This preview shows how white text looks on a background with the YIQ color 105.9410, -27.8750, -6.9390.

-6.9390.

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

105.9410, -27.8750, -6.9390

Protanopia

111.1400, -3.2100, 3.1100

Deuteranopia

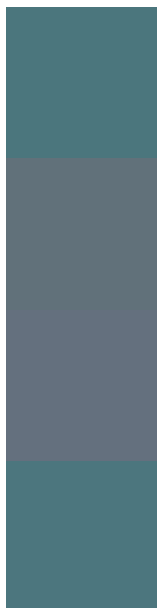
111.9600, -2.5230, 7.1810



Tritanopia

106.4680, -27.9210, -6.1050

Trichromacy



Original Color

105.9410, -27.8750, -6.9390

Protanomaly

109.2420, -12.4250, -0.5930

Deuteranomaly

110.0080, -11.6460, 1.8100

Tritanomaly

106.3540, -27.6000, -6.4160

Monochromacy



Original Color

105.9410, -27.8750, -6.9390

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.8570, -9.9030, -2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.9410, -27.8750, -6.9390 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(75, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(75, 118, 125)  
}
```

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(75, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 118, 125) }
```

Border

The CSS property to change the border of an element to YIQ 105.9410, -27.8750, -6.9390 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(75, 118, 125) }
```


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

```
.border{ border-color:rgb(75, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(75, 118,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 105.9410, -27.8750, -6.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 118, 125) }
```

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

```
.background{ background-color: rgb(75, 118,  
125) }
```

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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