

Converting Colors

YIQ(24.9440, -5.5940, 2.2620)

Have a look what the booklet for
YIQ(24.9440, -5.5940, 2.2620)
contains.

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Color

**YIQ(24.9440, -5.5940,
2.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	151923
RGB	21, 25, 35
RGB Percent	8%, 10%, 14%
CMY	0.9176, 0.9020, 0.8628
CMYK	0.40, 0.29, 0.00, 0.86
HSL	223°, 25%, 11%
HSV	223°, 40%, 14%
XYZ	0.9602, 0.9761, 1.7273
YIQ	24.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

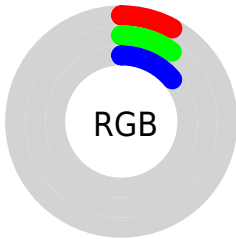
Format	Color
R_YB	21, 24, 35
Decimal	1382691
CIE Lab	8.79, 1.23, -7.51
CIE LCh	9, 7.612, 279.313
Yxy	0.9761, 0.2621, 0.2664
Android (android.graphics.Color)	4279572771 (0xFF151923)
YUV	24.9440, 4.9576, -3.4589
Hunter-Lab	9.8796, 0.0587, -3.4503

Details

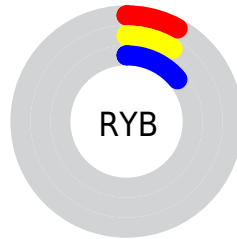
The YIQ color **24.9440, -5.5940, 2.2620** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **31.0560, 5.5940, -2.2620**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.0580, -5.9150, 2.5730**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.8730, -6.8320, 2.6720**, and if you desaturate by 10%, it is **27.6020, -4.6310, 1.3290**.

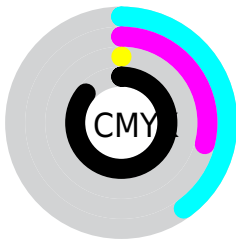
Distribution



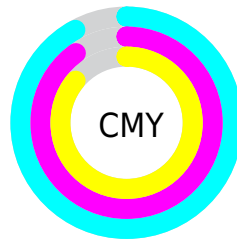
- Red (8%)
- Green (10%)
- Blue (14%)



- Red (8%)
- Yellow (9%)
- Blue (14%)



- Cyan (40%)
- Magenta (29%)
- Yellow (0%)
- Black (86%)



- Cyan (92%)
- Magenta (90%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.9440, -5.5940, 2.2620 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 24.9440, -5.5940, 2.2620 by changing the saturation by 10% instead.

■ 24.9440, -5.5940,
2.2620

■ 24.9440, -5.5940,
2.2620

■ 250.2600, -3.6680,
0.3960

■ 2.0690, -4.4480,
3.5200

■ 68.0580, -5.9150,
2.5730

■ 0.0000, 0.0000,
0.0000

■ 91.1720, -6.2360,
2.8840

■ 116.1720, -6.2360,
2.8840

■ 141.2860, -6.5570,
3.1950

■ 167.9870, -7.1530,
2.9830

■ 195.4000, -6.8780,

3.5060

■ 223.1010, -7.4740,
3.2940

■ 24.9440, -5.5940,
2.2620

■ 24.9440, -5.5940,
2.2620

■ 22.8730, -6.8320,
2.6720

■ 27.6020, -4.6310,
1.3290

■ 19.9160, -8.3910,
3.3930

■ 29.9720, -2.7970,
1.1310

■ 17.8450, -9.6290,
3.8030

■ 32.0430, -1.5590,
0.7210

■ 14.8880, -11.1880,
4.5240

■ 35.0000, 0.0000,
0.0000

■ 12.8170, -12.4260,
4.9340

■ 37.0710, 1.2380,
-0.4100

■ 9.8600, -13.9850,
5.6550

■ 40.0280, 2.7970,
-1.1310

■ 42.0990, 4.0350,
-1.5410

■ 45.0560, 5.5940,
-2.2620

■ 47.1270, 6.8320,
-2.6720

Harmonies

Analogous

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



23.9110, -9.9950, -0.5790



24.9440, -5.5940, 2.2620



25.6350, -0.2300, 4.1700

Triad

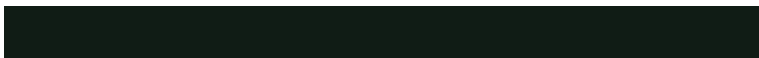
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.9440, -5.5940, 2.2620



25.4310, 9.0320, 1.5120



23.6140, -4.9050, -4.7210

Complementary

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



24.9440, -5.5940, 2.2620



31.0560, 5.5940, -2.2620

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.



24.2510, 0.5510, -4.4810



24.9440, -5.5940, 2.2620



25.2520, 7.9780, -1.4140

Square

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



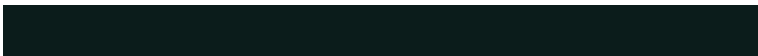
24.9440, -5.5940, 2.2620



25.5280, 7.3810, 3.9010



24.5290, 5.6400, -3.0960



22.8030, -9.8110, -3.9150

Rectangle

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



24.9440, -5.5940, 2.2620



25.6030, 2.7960, 4.3960



24.5290, 5.6400, -3.0960



23.5110, -3.1170, -4.0850

Sweetspot

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



24.9440, -5.5940, 2.2620



41.8580, -2.4760, 0.8200



30.3580, -7.0600, -4.2120



20.9290, -1.2380, 0.4100



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



24.9440, -5.5940, 2.2620



30.0300, -8.7120, 3.7040



23.4930, -2.7060, 4.9900



16.8150, -0.9170, 0.0990



22.8490, -32.6470, 13.4730



59.0460, -83.5890, 33.6190

Inverse Universe

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



25.6420, 7.0600, 4.2120



31.2620, 11.1860, 6.5300



32.5070, 2.7060, -4.9900



16.7120, 0.8710, 0.7350



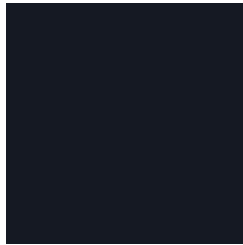
27.1400, 41.4890, 24.5370



69.3310, 105.3040, 62.9680

Previews

White Background



This preview shows how the YIQ color 24.9440, -5.5940, 2.2620 looks on a white background.

Color Contrast Check

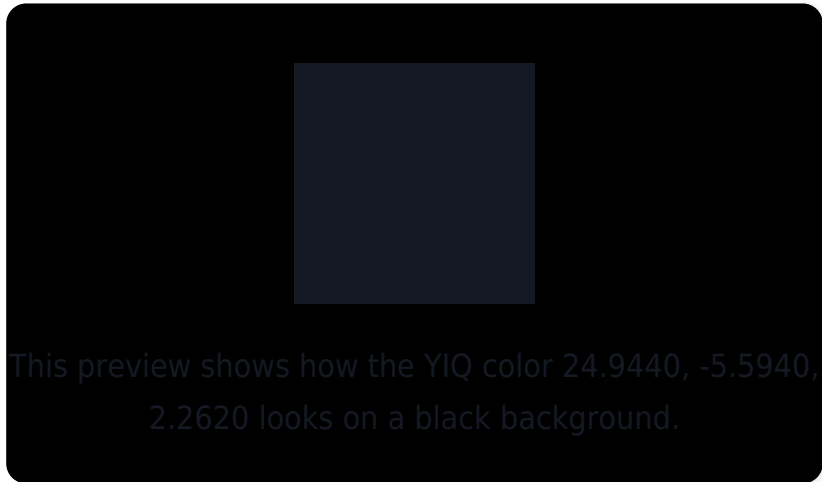
Large Text (above 18pt) WCAG AA ✓ Pass

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

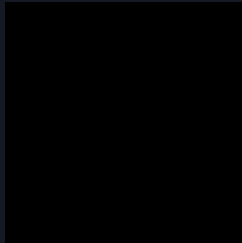
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

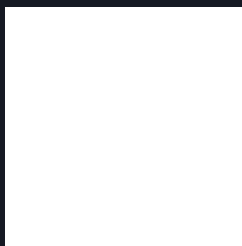
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 24.9440, -5.5940, 2.2620

Background



This preview shows how black text looks on a background with the YIQ color 24.9440, -5.5940, 2.2620.



This preview shows how white text looks on a background with the YIQ color 24.9440, -5.5940,

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

24.9440, -5.5940, 2.2620

Protanopia

25.2430, -4.9980, 2.4740

Deuteranopia

25.2430, -4.9980, 2.4740



Tritanopia

24.1350, -4.8140, -0.8620

Trichromacy



Original Color

24.9440, -5.5940, 2.2620

Protanomaly

25.2430, -4.9980, 2.4740

Deuteranomaly

25.2430, -4.9980, 2.4740

Tritanomaly

24.7760, -5.1810, 0.2830

Monochromacy



Original Color

24.9440, -5.5940, 2.2620

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.1570, -1.8800, 1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.9440, -5.5940, 2.2620 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(21, 25, 35)` looks like.

```
.text, #text, p{  
    color:rgb(21, 25, 35)  
}
```

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(21, 25, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 25, 35) }
```

Border

The CSS property to change the border of an element to YIQ 24.9440, -5.5940, 2.2620 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(21, 25, 35) }
```


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

```
.border{ border-color:rgb(21, 25, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 25, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 25, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 25, 35);  
box-shadow:4px 4px 4px 4px rgb(21, 25, 35)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.9440, -5.5940, 2.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 25, 35) }
```

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

```
.background{ background-color: rgb(21, 25,  
35) }
```

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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