

Converting Colors

YIQ(24.2550, 3.8960, 6.4880)

Have a look what the booklet for
YIQ(24.2550, 3.8960, 6.4880)
contains.

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Color

YIQ(24.2550, 3.8960, 6.4880)

Conversions

Conversions Part 1

Format	Color
Hex	20131F
RGB	32, 19, 31
RGB Percent	13%, 7%, 12%
CMY	0.8745, 0.9255, 0.8784
CMYK	0.00, 0.41, 0.03, 0.87
HSL	305°, 26%, 10%
HSV	305°, 41%, 13%
XYZ	1.0761, 0.8717, 1.4080
YIQ	24.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

Format	Color
RYB	32, 19, 31
Decimal	2102047
CIELab	7.87, 9.37, -5.78
CIELCh	8, 11.007, 328.317
Yxy	0.8717, 0.3207, 0.2598
Android (android.graphics.Color)	4280292127 (0xFF20131F)
YUV	24.2550, 3.3253, 6.7924
Hunter-Lab	9.3367, 4.2338, -2.4053

Details

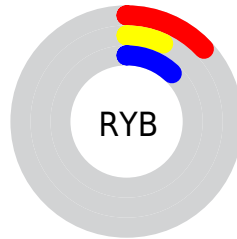
The YIQ color **24.2550, 3.8960, 6.4880** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.7450, -3.8960, -6.4880**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **67.0810, 4.4460, 7.5340**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.4940, 4.7210, 8.0570**, and if you desaturate by 10%, it is **26.0160, 3.0710, 4.9190**.

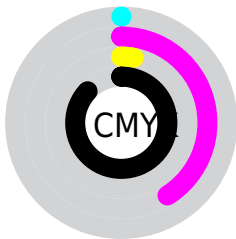
Distribution



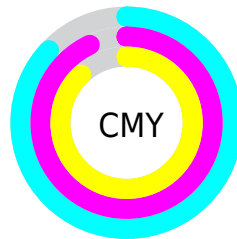
- Red (13%)
- Green (7%)
- Blue (12%)



- Red (13%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (87%)



- Cyan (87%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.2550, 3.8960, 6.4880 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 24.2550, 3.8960, 6.4880 by changing the saturation by 10% instead.

■ 24.2550, 3.8960,
6.4880

■ 24.2550, 3.8960,
6.4880

■ 247.9560, 3.3000,
6.2760

■ 0.5700, -1.6050,
1.5550

■ 67.0810, 4.4460,
7.5340

■ 0.0000, 0.0000,
0.0000

■ 90.4940, 4.7210,
8.0570

■ 115.3800, 5.0420,
7.7460

■ 140.7930, 5.3170,
8.2690

■ 167.2060, 5.5920,
8.7920

■ 194.5050, 6.1880,

9.0040

■ 222.5050, 6.1880,
9.0040

■ 24.2550, 3.8960,
6.4880

■ 24.2550, 3.8960,
6.4880

■ 22.4940, 4.7210,
8.0570

■ 26.0160, 3.0710,
4.9190

■ 20.7330, 5.5460,
9.6260

■ 27.7770, 2.2460,
3.3500

■ 18.2710, 6.9670,
11.4070

■ 30.2390, 0.8250,
1.5690

■ 16.5100, 7.7920,
12.9760

■ 32.0000, -0.0000,
-0.0000

■ 14.7490, 8.6170,
14.5450

■ 33.7610, -0.8250,
-1.5690

■ 12.9880, 9.4420,
16.1140

■ 35.5220, -1.6500,
-3.1380

■ 37.3970, -2.7960,
-4.3960

■ 39.7450, -3.8960,
-6.4880

■ 41.5060, -4.7210,
-8.0570

Harmonies

Analogous

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



23.8950, -3.8980, 4.5660



24.2550, 3.8960, 6.4880



24.3650, 9.3980, 5.8940

Triad

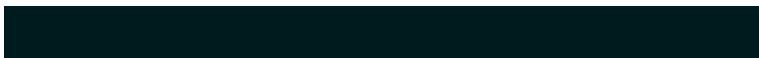
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.2550, 3.8960, 6.4880



22.6990, 10.9130, -5.0470



19.2690, -17.0550, -4.7910

Complementary

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



24.2550, 3.8960, 6.4880



26.7450, -3.8960, -6.4880

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.



19.0580, -15.0830, -7.4910



24.2550, 3.8960, 6.4880



21.8230, 4.6320, -6.8560

Square

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



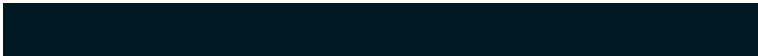
24.2550, 3.8960, 6.4880



22.8890, 13.4340, -1.1740



20.7340, -5.3630, -7.4350



19.2520, -18.3850, -2.7130

Rectangle

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



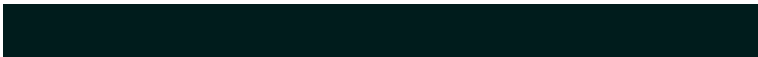
24.2550, 3.8960, 6.4880



24.0940, 11.5990, 4.5510



20.7340, -5.3630, -7.4350



19.6280, -16.6880, -5.9360

Sweetspot

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



24.2550, 3.8960, 6.4880



37.9510, 1.6960, 2.3040



20.7810, -3.5770, 4.2550



18.8260, 0.5500, 1.0460



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



24.2550, 3.8960, 6.4880



29.0320, 6.1420, 9.8380



23.5710, 5.8220, 4.6220



14.4130, 0.2750, 0.5230



31.9430, 23.6510, 39.4510



83.6670, 62.0610, 103.2850

Inverse Universe

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



24.2550, 3.8960, 6.4880



29.0320, 6.1420, 9.8380



27.4290, -5.8220, -4.6220



14.4130, 0.2750, 0.5230



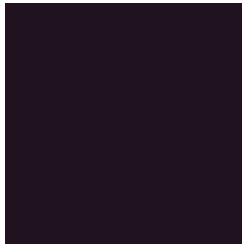
31.9430, 23.6510, 39.4510



83.6670, 62.0610, 103.2850

Previews

White Background



This preview shows how the YIQ color 24.2550, 3.8960, 6.4880 looks on a white background.

Color Contrast Check

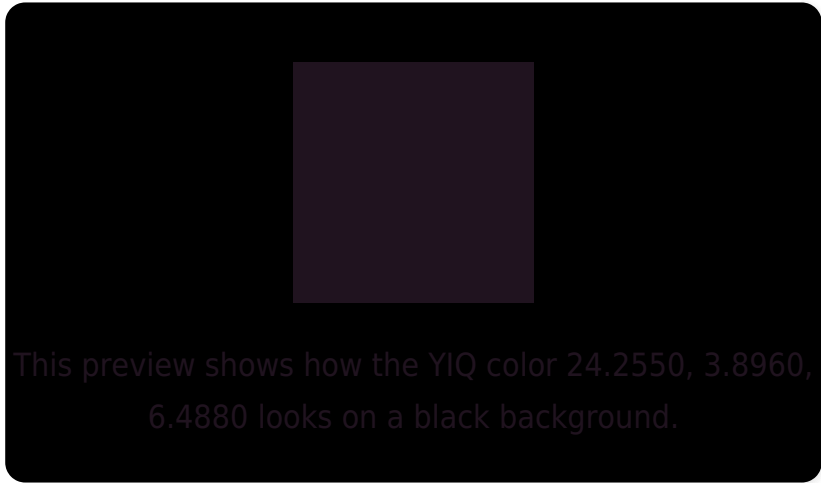
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2550, 3.8960, 6.4880

Background



This preview shows how black text looks on a background with the YIQ color 24.2550, 3.8960, 6.4880.

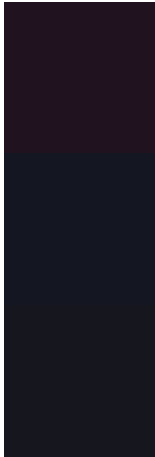


This preview shows how white text looks on a background with the YIQ color 24.2550, 3.8960, 6.4880.

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

24.2550, 3.8960, 6.4880

Protanopia

23.3570, -5.3190, 2.7850

Deuteranopia

23.4990, -2.8430, 1.9650



Tritanopia

24.1040, 5.6390, 2.4310

Trichromacy



Original Color

24.2550, 3.8960, 6.4880

Protanomaly

23.8520, -2.3390, 3.8450

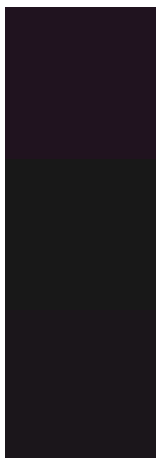
Deuteranomaly

24.1080, -0.1840, 3.3360

Tritanomaly

23.8590, 4.9510, 3.8870

Monochromacy



Original Color

24.2550, 3.8960, 6.4880

Achromatopsia

24.0000, -0.0000, 0.0000

Achromatomaly

24.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.2550, 3.8960, 6.4880 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(32, 19, 31)` looks like.

```
.text, #text, p{  
    color:rgb(32, 19, 31)  
}
```

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(32, 19, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 19, 31) }
```

Border

The CSS property to change the border of an element to YIQ 24.2550, 3.8960, 6.4880 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(32, 19, 31) }
```

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

```
.border{ border-color:rgb(32, 19, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 19, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 19, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 19, 31);  
box-shadow:4px 4px 4px 4px rgb(32, 19, 31)  
}
```


Background

The CSS property to change the background color of an element to YIQ 24.2550, 3.8960, 6.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 19, 31) }
```

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

```
.background{ background-color: rgb(32, 19,  
31) }
```

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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