

Converting Colors

YIQ(55.9950, -19.9400,
-24.1000)

Have a look what the booklet for
YIQ(55.9950, -19.9400, -24.1000)
contains.

YIQ(55.9950, -19.9400, -24.1000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(55.9950, -19.9400,
-24.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	164D25
RGB	22, 77, 37
RGB Percent	9%, 30%, 15%
CMY	0.9139, 0.6979, 0.8549
CMYK	0.71, 0.00, 0.52, 0.70
HSL	136°, 56%, 19%
HSV	136°, 71%, 30%
XYZ	3.3192, 5.6146, 2.6580
YIQ	55.9950, -19.9400, -24.1000

Conversions

Conversions Part 2

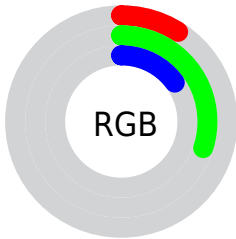
Format	Color
R_{YB}	22, 65, 77
Decimal	1461541
CIE _{Lab}	28.42, -28.03, 18.57
CIE _{LCh}	28, 33.619, 146.479
Yxy	5.6146, 0.2863, 0.4844
Android (android.graphics.Color)	4279651621 (0xFF164D25)
YUV	55.9950, -9.3645, -29.8136
Hunter-Lab	23.6951, -16.4621, 9.9356

Details

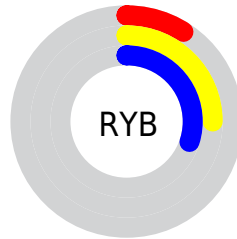
The YIQ color **55.9950, -19.9400, -24.1000** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.0050, 19.9400, 24.1000**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8380, -18.0600, -25.1320**, and **19.3710, -9.0750, -17.2590** is the 20% darker color. If you saturate the color by 10%, you get **52.9190, -22.7820, -27.6620**, and if you desaturate by 10%, it is **59.0710, -17.0980, -20.5380**.

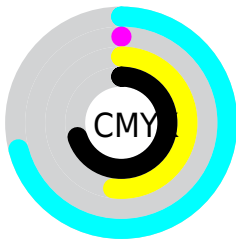
Distribution



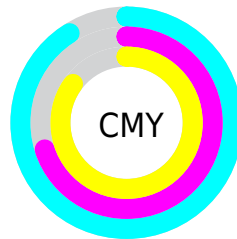
- Red (9%)
- Green (30%)
- Blue (15%)



- Red (9%)
- Yellow (25%)
- Blue (30%)



- Cyan (71%)
- Magenta (0%)
- Yellow (52%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.9950, -19.9400, -24.1000 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 55.9950, -19.9400, -24.1000 by changing the saturation by 10% instead.

■ 55.9950, -19.9400,
-24.1000

■ 55.9950, -19.9400,
-24.1000

■ 255.0000, -0.0000,
-0.0000

■ 33.5220, -19.9860,
-23.2660

■ 105.8380,
-18.0600, -25.1320

■ 19.3710, -9.0750,
-17.2590

■ 131.3110,
-18.0140, -25.9660

■ 0.0000, 0.0000,
0.0000

■ 157.7840,
-17.9680, -26.8000

■ 185.3710,
-18.2430, -27.3230

■ 212.9580,
-18.5180, -27.8460

■ 235.5610,

-15.7220, -23.4500

■ 247.5380, -7.7470,
-8.2830

■ 55.9950, -19.9400,
-24.1000

■ 55.9950, -19.9400,
-24.1000

■ 52.9190, -22.7820,
-27.6620

■ 59.0710, -17.0980,
-20.5380

■ 50.2560, -25.3490,
-30.7010

■ 61.7340, -14.5310,
-17.4990

■ 47.5930, -27.9160,
-33.7400

■ 64.8100, -11.6890,
-13.9370

■ 67.7720, -8.5260,
-10.6860

■ 70.5490, -6.2800,
-7.3360

■ 73.6250, -3.4380,
-3.7740

■ 76.5870, -0.2750,
-0.5230

■ 79.6630, 2.5670,
3.0390

■ 82.3260, 5.1340,
6.0780

Harmonies

Analogous

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



61.4300, 9.6320, -20.3840



55.9950, -19.9400, -24.1000



53.5550, -41.9480, -21.7240

Triad

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



55.9950, -19.9400, -24.1000



55.2430, -57.7240, -0.1240



65.3320, 40.5280, 14.4160

Complementary

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



55.9950, -19.9400, -24.1000



43.0050, 19.9400, 24.1000

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.



66.8230, 32.1360, 23.3360



55.9950, -19.9400, -24.1000



67.3410, -16.4170, 16.6950

Square

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



55.9950, -19.9400, -24.1000



57.7390, -56.4850, -6.0610



68.9980, 12.6500, 24.0580



65.5190, 37.9630, 0.3230

Rectangle

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



55.9950, -19.9400, -24.1000



55.6070, -47.7260, -16.1260



68.9980, 12.6500, 24.0580



65.4830, 38.7850, 18.4730

Sweetspot

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



55.9950, -19.9400, -24.1000



91.3100, -7.1050, -8.9050



66.2450, 8.7150, -20.2850



46.0870, -4.8590, -5.5550



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



55.9950, -19.9400, -24.1000



66.5170, -30.7580, -37.3020



59.0730, -28.6070, -15.7030



36.4620, -1.4210, -1.7810



63.0660, -37.0380, -44.6380



142.1920, -83.4730, -100.6970

Inverse Universe

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



43.0050, 19.9400, 24.1000



46.4830, 30.7580, 37.3020



39.9270, 28.6070, 15.7030



35.5380, 1.4210, 1.7810



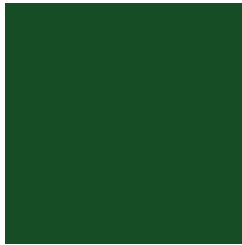
38.9340, 37.0380, 44.6380



87.8080, 83.4730, 100.6970

Previews

White Background



This preview shows how the YIQ color 55.9950, -19.9400, -24.1000 looks on a white background.

Color Contrast Check

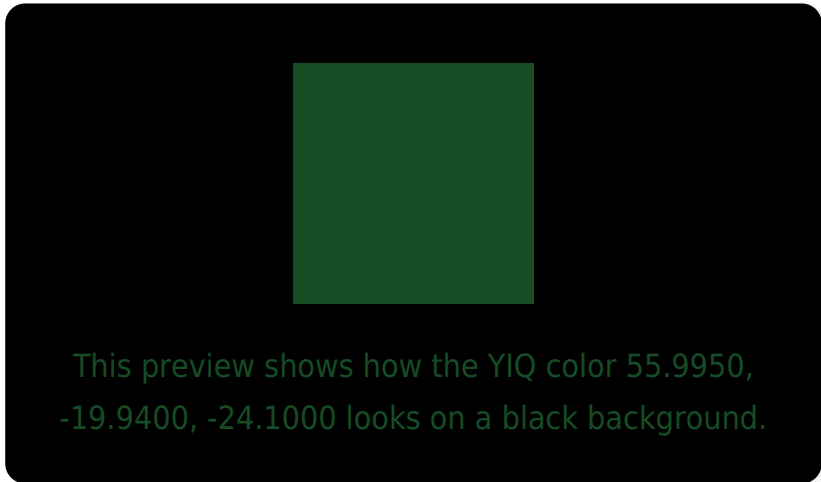
Large Text (above 18pt) WCAG AA ✓ Pass

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

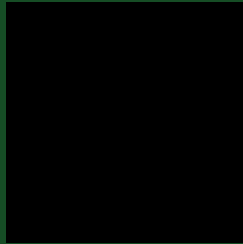
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.9950, -19.9400, -24.1000

Background



This preview shows how black text looks on a background with the YIQ color 55.9950, -19.9400, -24.1000.



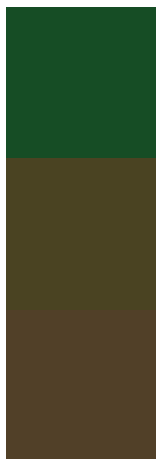
This preview shows how white text looks on a background with the YIQ color 55.9950, -19.9400,

-24.1000.

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

55.9950, -19.9400, -24.1000

Protanopia

65.3310, 14.7650, -8.7790

Deuteranopia

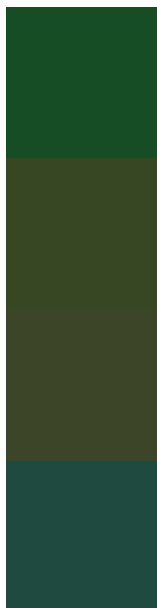
66.3470, 17.8360, -3.8600



Tritanopia

62.5070, -23.6570, -6.2890

Trichromacy



Original Color

55.9950, -19.9400, -24.1000

Protanomaly

62.1120, 2.0200, -14.5880

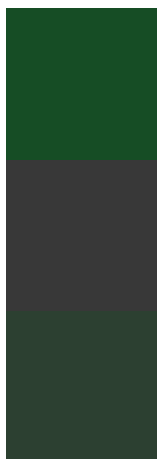
Deuteranomaly

62.8890, 4.2660, -11.2380

Tritanomaly

59.8890, -22.0970, -12.5370

Monochromacy



Original Color

55.9950, -19.9400, -24.1000

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.3100, -7.1050, -8.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.9950, -19.9400, -24.1000 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(22, 77, 37)` looks like.

```
.text, #text, p{  
    color:rgb(22, 77, 37)  
}
```

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(22, 77, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 77, 37) }
```

Border

The CSS property to change the border of an element to YIQ 55.9950, -19.9400, -24.1000 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(22, 77, 37) }
```


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

```
.border{ border-color:rgb(22, 77, 37) }
```

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

Here you see how a box with a 4 pixel rgb(22, 77, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 77, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 77, 37);  
box-shadow:4px 4px 4px 4px rgb(22, 77, 37)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.9950, -19.9400, -24.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 77, 37) }
```

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

```
.background{ background-color: rgb(22, 77,  
37) }
```

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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