

Converting Colors

YIQ(61.7950, -24.5280, -7.0240)

Have a look what the booklet for
YIQ(61.7950, -24.5280, -7.0240)
contains.

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Color

**YIQ(61.7950, -24.5280,
-7.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	22494D
RGB	34, 73, 77
RGB Percent	13%, 29%, 30%
CMY	0.8667, 0.7137, 0.6981
CMYK	0.56, 0.05, 0.00, 0.70
HSL	186°, 39%, 22%
HSV	186°, 56%, 30%
XYZ	4.3812, 5.6424, 7.8746
YIQ	61.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

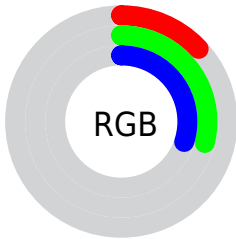
Format	Color
RYB	34, 54, 77
Decimal	2246989
CIELab	28.49, -12.50, -6.62
CIELCh	28, 14.142, 207.898
Yxy	5.6424, 0.2448, 0.3152
Android (android.graphics.Color)	4280437069 (0xFF22494D)
YUV	61.7950, 7.4961, -24.3762
Hunter-Lab	23.7537, -8.6460, -3.0277

Details

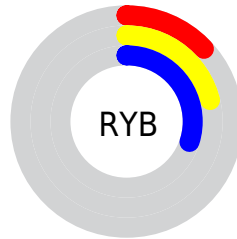
The YIQ color **61.7950, -24.5280, -7.0240** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.2050, 24.5280, 7.0240**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.7950, -24.5280, -7.0240**, and **20.7850, -18.5680, -4.9040** is the 20% darker color. If you saturate the color by 10%, you get **58.8160, -29.0210, -8.1970**, and if you desaturate by 10%, it is **64.7740, -20.0350, -5.8510**.

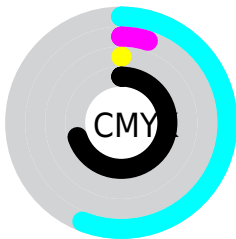
Distribution



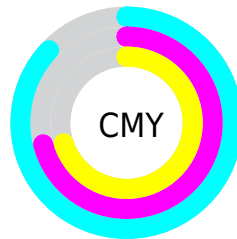
- Red (13%)
- Green (29%)
- Blue (30%)



- Red (13%)
- Yellow (21%)
- Blue (30%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (70%)



- Cyan (87%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.7950, -24.5280, -7.0240 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 61.7950, -24.5280, -7.0240 by changing the saturation by 10% instead.

61.7950, -24.5280,
-7.0240

61.7950, -24.5280,
-7.0240

255.0000, -0.0000,
-0.0000

37.5990, -26.9120,
-7.8720

110.7950,
-24.5280, -7.0240

20.7850, -18.5680,
-4.9040

136.4960,
-25.1240, -7.2360

1.1400, -3.2100,
3.1100

162.4960,
-25.1240, -7.2360

0.0000, 0.0000,
0.0000

190.1970,
-25.7200, -7.4480

217.8980,
-26.3160, -7.6600

243.3390,

-23.2440, -8.2680

252.0100, -5.9600,
-2.1200

61.7950, -24.5280,
-7.0240

61.7950, -24.5280,
-7.0240

58.8160, -29.0210,
-8.1970

64.7740, -20.0350,
-5.8510

56.7230, -33.1930,
-9.6810

66.8670, -15.8630,
-4.3670

53.7440, -37.6860,
-10.8540

69.8460, -11.3700,
-3.1940

50.7650, -42.1790,
-12.0270

72.8250, -6.8770,
-2.0210

49.8680, -43.9670,
-12.6630

75.5050, -2.9800,
-1.0600

■ 77.8970, 1.7880,
0.6360

■ 80.8760, 6.2810,
1.8090

■ 83.8550, 10.7740,
2.9820

■ 85.9480, 14.9460,
4.4660

Harmonies

Analogous

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



62.3350, -17.4210, -9.1730



61.7950, -24.5280, -7.0240



63.0280, -23.5660, -2.4300

Triad

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



61.7950, -24.5280, -7.0240



68.7330, 5.5460, 9.6260



66.5960, 12.7010, -4.4110

Complementary

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



61.7950, -24.5280, -7.0240



49.2050, 24.5280, 7.0240

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.



67.9820, 17.6060, 0.3100



61.7950, -24.5280, -7.0240



68.6970, 14.3950, 8.9470

Square

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



61.7950, -24.5280, -7.0240



68.2910, -4.9530, 7.1670



68.4430, 17.9260, 5.5260



65.6980, 3.4860, -8.1140

Rectangle

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



61.7950, -24.5280, -7.0240



65.1750, -19.4860, 0.7220



68.4430, 17.9260, 5.5260



67.0200, 14.4430, -2.9410

Sweetspot

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



61.7950, -24.5280, -7.0240



93.6290, -9.2610, -2.8690



59.6970, -13.1090, -21.2450



47.4230, -5.6850, -1.5970



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.



61.7950, -24.5280, -7.0240



75.7440, -37.6860, -10.8540



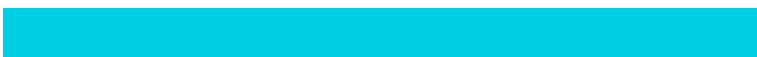
49.4680, -18.7530, 3.9590



36.8040, -2.3840, -0.8480



66.2190, -58.3170, -16.9170



148.3160, -131.0300, -37.2540

Inverse Universe

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



51.3030, 13.1090, 21.2450



59.5740, 20.0760, 32.6520



61.5320, 18.7530, -3.9590



35.6520, 1.1000, 2.0920



41.1000, 30.9390, 50.5470



92.4820, 70.3120, 113.4480

Previews

White Background



This preview shows how the YIQ color 61.7950, -24.5280, -7.0240 looks on a white background.

Color Contrast Check

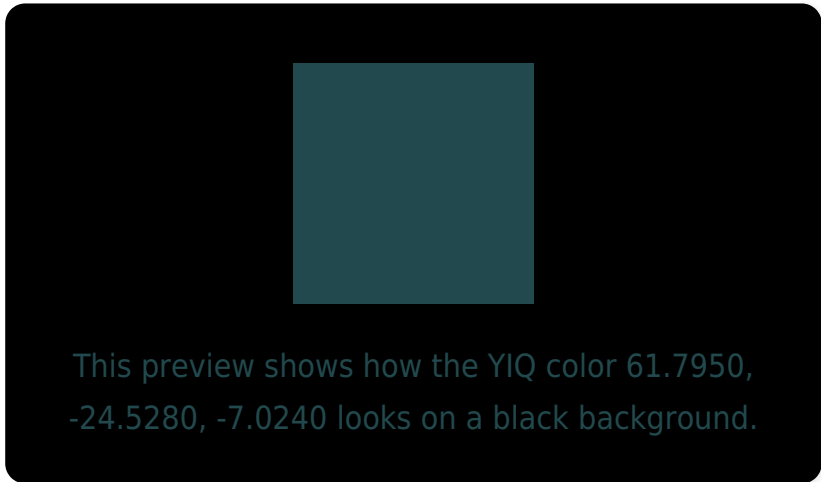
Large Text (above 18pt) WCAG AA ✓ Pass

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

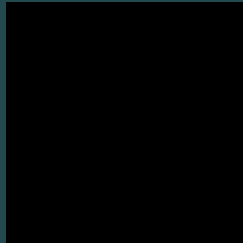
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.7950, -24.5280, -7.0240

Background



This preview shows how black text looks on a background with the YIQ color 61.7950, -24.5280, -7.0240.



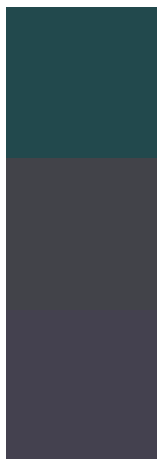
This preview shows how white text looks on a background with the YIQ color 61.7950, -24.5280,

-7.0240.

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

61.7950, -24.5280, -7.0240

Protanopia

67.3850, -2.5220, 1.6540

Deuteranopia

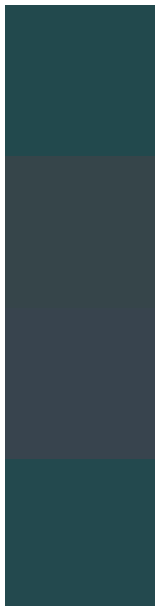
67.4930, -2.7060, 4.9900



Tritanopia

62.3220, -24.5740, -6.1900

Trichromacy



Original Color

61.7950, -24.5280, -7.0240

Protanomaly

65.0850, -10.5450, -1.6250

Deuteranomaly

65.5520, -10.3620, 0.5660

Tritanomaly

62.2080, -24.2530, -6.5010

Monochromacy



Original Color

61.7950, -24.5280, -7.0240

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.9280, -8.6650, -2.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.7950, -24.5280, -7.0240 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(34, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(34, 73, 77)  
}
```

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(34, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 73, 77) }
```

Border

The CSS property to change the border of an element to YIQ 61.7950, -24.5280, -7.0240 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(34, 73, 77) }
```


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

```
.border{ border-color:rgb(34, 73, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 73, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(34, 73, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.7950, -24.5280, -7.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 73, 77) }
```

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

```
.background{ background-color: rgb(34, 73,  
77) }
```

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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