

Converting Colors

YIQ(97.3580, -24.2550, 4.5530)

Have a look what the booklet for
YIQ(97.3580, -24.2550, 4.5530)
contains.

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Color

**YIQ(97.3580, -24.2550,
4.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6584
RGB	77, 101, 132
RGB Percent	30%, 40%, 52%
CMY	0.6981, 0.6039, 0.4825
CMYK	0.42, 0.23, 0.00, 0.48
HSL	214°, 26%, 41%
HSV	214°, 42%, 52%
XYZ	11.8772, 12.5518, 23.6155
YIQ	97.3580, -24.2550, 4.5530

Conversions

Conversions Part 2

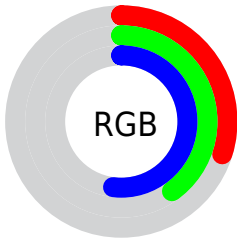
Format	Color
R _Y B	77, 94, 132
Decimal	5072260
CIE Lab	42.08, -0.37, -20.03
CIE LCh	42, 20.030, 268.940
Yxy	12.5518, 0.2472, 0.2613
Android (android.graphics.Color)	4283262340 (0xFF4D6584)
YUV	97.3580, 17.0785, -17.8540
Hunter-Lab	35.4285, -2.1589, -14.7208

Details

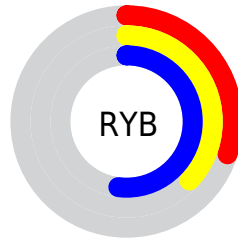
The YIQ color **97.3580, -24.2550, 4.5530** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.6420, 24.2550, -4.5530**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5860, -24.8970, 5.1750**, and **49.1190, -25.0800, 2.9840** is the 20% darker color. If you saturate the color by 10%, you get **89.3620, -30.0780, 5.4580**, and if you desaturate by 10%, it is **105.3540, -18.4320, 3.6480**.

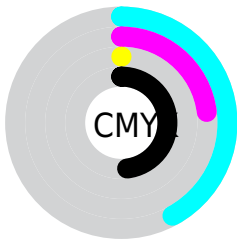
Distribution



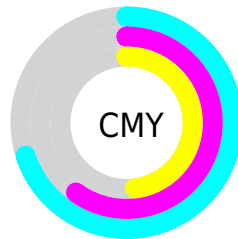
- Red (30%)
- Green (40%)
- Blue (52%)



- Red (30%)
- Yellow (37%)
- Blue (52%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.3580, -24.2550, 4.5530 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 97.3580, -24.2550, 4.5530 by changing the saturation by 10% instead.

■ 97.3580, -24.2550,
4.5530

■ 97.3580, -24.2550,
4.5530

■ 255.0000, -0.0000,
-0.0000

■ 72.9450, -24.5300,
4.0300

■ 148.5860,
-24.8970, 5.1750

■ 49.7060, -25.3550,
2.4610

■ 175.1130,
-24.9430, 6.0090

■ 26.0970, -28.0140,
1.0900

■ 202.8140,
-25.5390, 5.7970

■ 10.2020, -14.9480,
6.5880

■ 229.2180,
-21.0450, 1.4430

■ 2.2970, -5.0900,
4.1420

■ 250.2160, -9.5360,
-3.3920

■ 0.0000, 0.0000,
0.0000

■ 97.3580, -24.2550,
4.5530

■ 97.3580, -24.2550,
4.5530

■ 89.3620, -30.0780,
5.4580

■ 105.3540,
-18.4320, 3.6480

■ 80.7790, -35.6260,
6.8860

■ 113.9370,
-12.8840, 2.2200

■ 72.4840, -42.0450,
7.5790

■ 122.2320, -6.4650,
1.5270

■ 63.9010, -47.5930,
9.0070

■ 130.8150, -0.9170,
0.0990

■ 55.9050, -53.4160,
9.9120

■ 138.8110, 4.9060,
-0.8060

■ 49.0940, -58.3220,
10.7180

■ 147.3940, 10.4540,
-2.2340

■ 155.3900, 16.2770,
-3.1390

■ 163.6850, 22.6960,

-3.8320

■ 172.2680, 28.2440,
-5.2600

Harmonies

Analogous

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



93.1450, -37.1370, -4.2810



97.3580, -24.2550, 4.5530



100.5560, -7.0170, 11.5350

Triad

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



97.3580, -24.2550, 4.5530



100.7000, 27.5080, 8.0840



94.5820, -11.0470, -14.5590

Complementary

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



97.3580, -24.2550, 4.5530



111.6420, 24.2550, -4.5530

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.



96.5470, 5.2290, -12.1710



97.3580, -24.2550, 4.5530



99.5870, 26.0880, 0.7760

Square

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



97.3580, -24.2550, 4.5530



101.7520, 21.7300, 13.6820



98.2390, 18.0200, -7.1960



91.6110, -27.1860, -13.9220

Rectangle

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



97.3580, -24.2550, 4.5530



101.8840, 3.8030, 13.6830



98.2390, 18.0200, -7.1960



95.2190, -5.5910, -14.3190

Sweetspot

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



97.3580, -24.2550, 4.5530



157.6770, -9.2160, 1.8240



112.7050, -24.7550, -19.4350



79.3030, -5.2270, 1.1170



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



97.3580, -24.2550, 4.5530



117.1100, -38.0560, 6.8720



84.1670, -15.8670, 17.7410



62.4450, -2.7510, 0.2970



48.2790, -57.4050, 10.6190



0.9290, -1.2380, 0.4100

Inverse Universe

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



96.1810, 25.0760, 19.1240



115.0460, 39.0580, 30.0500



124.8330, 15.8670, -17.7410



62.1360, 2.6130, 2.2050



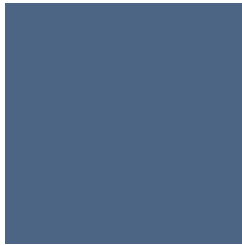
45.3680, 59.1830, 45.2870



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 97.3580, -24.2550, 4.5530 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 97.3580, -24.2550, 4.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

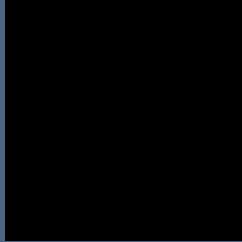
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

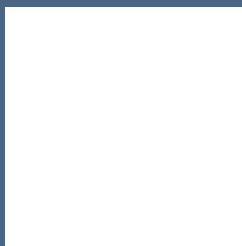
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 97.3580, -24.2550, 4.5530

Background



This preview shows how black text looks on a background with the YIQ color 97.3580, -24.2550, 4.5530.

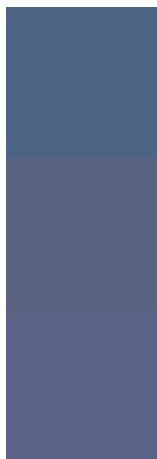


This preview shows how white text looks on a background with the YIQ color 97.3580, -24.2550,

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

97.3580, -24.2550, 4.5530

Protanopia

99.2560, -15.0400, 8.2560

Deuteranopia

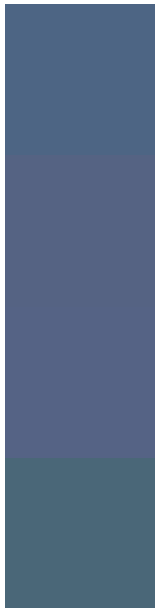
99.5980, -16.0030, 9.1890



Tritanopia

95.4580, -21.9610, -3.9850

Trichromacy



Original Color

97.3580, -24.2550, 4.5530

Protanomaly

98.4620, -18.6160, 6.9840

Deuteranomaly

98.6900, -19.2580, 7.6060

Tritanomaly

96.2670, -22.7410, -0.8610

Monochromacy



Original Color

97.3580, -24.2550, 4.5530

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9760, -8.6200, 2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.3580, -24.2550, 4.5530 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(77, 101, 132)` looks like.

```
.text, #text, p{  
    color:rgb(77, 101, 132)  
}
```

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(77, 101, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 101, 132) }
```

Border

The CSS property to change the border of an element to YIQ 97.3580, -24.2550, 4.5530 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(77, 101, 132) }
```


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

```
.border{ border-color:rgb(77, 101, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 101, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 101, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 101, 132);  
box-shadow:4px 4px 4px 4px rgb(77, 101,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 97.3580, -24.2550, 4.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 101, 132) }
```

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

```
.background{ background-color: rgb(77, 101,  
132) }
```

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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