

Converting Colors

YIQ(90.3360, 25.5370, 5.2570)

Have a look what the booklet for
YIQ(90.3360, 25.5370, 5.2570)
contains.

YIQ(90.3360, 25.5370, 5.2570)	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(90.3360, 25.5370,
5.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	765047
RGB	118, 80, 71
RGB Percent	46%, 31%, 28%
CMY	0.5372, 0.6863, 0.7215
CMYK	0.00, 0.32, 0.40, 0.54
HSL	11°, 25%, 37%
HSV	11°, 40%, 46%
XYZ	11.4799, 10.0433, 7.2994
YIQ	90.3360, 25.5370, 5.2570

Conversions

Conversions Part 2

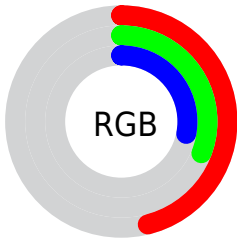
Format	Color
R_{YB}	118, 82, 71
Decimal	7753799
CIE Lab	37.92, 14.74, 11.72
CIE LCh	38, 18.832, 38.485
Yxy	10.0433, 0.3983, 0.3485
Android (android.graphics.Color)	4285943879 (0xFF765047)
YUV	90.3360, -9.5326, 24.2613
Hunter-Lab	31.6912, 9.2004, 8.5277

Details

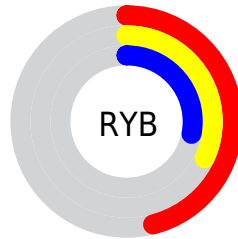
The YIQ color **90.3360, 25.5370, 5.2570** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **98.6640, -25.5370, -5.2570**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.4180, 28.2420, 5.7940**, and **44.0690, 21.9150, 4.8190** is the 20% darker color. If you saturate the color by 10%, you get **83.0980, 32.1390, 6.7550**, and if you desaturate by 10%, it is **97.5740, 18.9350, 3.7590**.

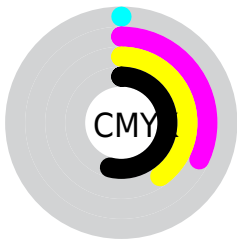
Distribution



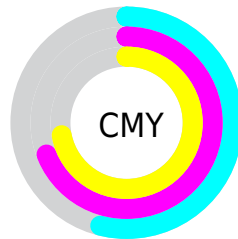
- Red (46%)
- Green (31%)
- Blue (28%)



- Red (46%)
- Yellow (32%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (54%)



- Cyan (54%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.3360, 25.5370, 5.2570 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 90.3360, 25.5370, 5.2570 by changing the saturation by 10% instead.

■ 90.3360, 25.5370,
5.2570

■ 90.3360, 25.5370,
5.2570

■ 255.0000, -0.0000,
-0.0000

■ 66.5530, 23.4280,
4.9320

■ 140.7170, 28.8380,
6.0060

■ 44.0690, 21.9150,
4.8190

■ 167.6030, 29.1590,
5.6950

■ 21.7870, 22.6490,
2.5290

■ 194.6140, 30.6260,
6.6420

■ 4.1860, 8.3440,
2.9680

■ 222.2010, 30.3510,
6.1190

■ 0.0000, 0.0000,
0.0000

■ 242.4160, 13.3880,
-0.3400

■ 90.3360, 25.5370,
5.2570

■ 90.3360, 25.5370,
5.2570

■ 83.0980, 32.1390,
6.7550

■ 97.5740, 18.9350,
3.7590

■ 76.4470, 38.4660,
7.7300

■ 104.2250, 12.6080,
2.7840

■ 69.3230, 44.7470,
9.5390

■ 111.3490, 6.3270,
0.9750

■ 62.6720, 51.0740,
10.5140

■ 118.0000, 0.0000,
-0.0000

■ 55.4340, 57.6760,
12.0120

■ 125.2380, -6.6020,
-1.4980

■ 48.7830, 64.0030,
12.9870

■ 131.8890,
-12.9290, -2.4730

■ 48.1960, 64.2780,
13.5100

■ 139.1270,
-19.5310, -3.9710

■ 145.6640,

-25.5370, -5.2570

■ 152.9020,
-32.1390, -6.7550

Harmonies

Analogous

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



91.0570, 22.1890, 10.8690



90.3360, 25.5370, 5.2570



89.4400, 22.0080, -2.3760

Triad

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



90.3360, 25.5370, 5.2570



84.0700, -15.3570, -13.5410



88.5330, -17.3780, 6.5740

Complementary

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



90.3360, 25.5370, 5.2570



98.6640, -25.5370, -5.2570

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.



84.6620, -31.2230, -1.3270



90.3360, 25.5370, 5.2570



81.8820, -29.3870, -12.5790

Square

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



90.3360, 25.5370, 5.2570



86.2090, 0.3690, -12.1990



81.5100, -36.9070, -8.4510



91.1930, -1.5610, 11.7750

Rectangle

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



90.3360, 25.5370, 5.2570



88.5810, 17.0570, -6.2630



81.5100, -36.9070, -8.4510



87.3150, -22.6960, 3.8320

Sweetspot

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



90.3360, 25.5370, 5.2570



142.1430, 9.9030, 2.2470



89.3850, 15.8140, 21.7820



70.4630, 6.0060, 1.2860



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



90.3360, 25.5370, 5.2570



110.0450, 39.6580, 8.1540



103.8370, 19.2120, -6.7720



55.3810, 3.3010, 0.7490



49.9790, 66.3870, 13.8350



102.9260, 135.8000, 27.8960

Inverse Universe

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



98.6640, -25.5370, -5.2570



122.9550, -39.6580, -8.1540



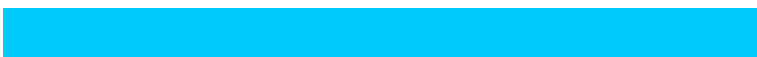
85.1630, -19.2120, 6.7720



56.6190, -3.3010, -0.7490



72.0210, -66.3870, -13.8350



147.0740, -135.8000, -27.8960

Previews

White Background



This preview shows how the YIQ color 90.3360, 25.5370, 5.2570 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 90.3360, 25.5370, 5.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

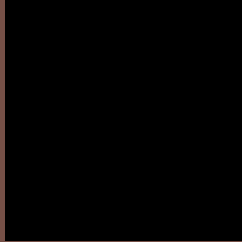
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.3360, 25.5370, 5.2570

Background



This preview shows how black text looks on a background with the YIQ color 90.3360, 25.5370, 5.2570.



This preview shows how white text looks on a background with the YIQ color 90.3360, 25.5370,

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

90.3360, 25.5370, 5.2570

Protanopia

89.0130, 7.1530, -2.9830

Deuteranopia

89.8570, 16.4600, -0.9480



Tritanopia

90.9430, 22.5100, 10.5580

Trichromacy



Original Color

90.3360, 25.5370, 5.2570

Protanomaly

89.7150, 13.9840, -0.1280

Deuteranomaly

90.1780, 19.9900, 1.1580

Tritanomaly

90.9600, 23.8400, 8.4800

Monochromacy



Original Color

90.3360, 25.5370, 5.2570

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.8440, 9.3070, 2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.3360, 25.5370, 5.2570 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(118, 80, 71)` looks like.

```
.text, #text, p{  
    color:rgb(118, 80, 71)  
}
```

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(118, 80, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 80, 71) }
```

Border

The CSS property to change the border of an element to YIQ 90.3360, 25.5370, 5.2570 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(118, 80, 71) }
```


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

```
.border{ border-color:rgb(118, 80, 71) }
```

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

Here you see how a box with a 4 pixel rgb(118, 80, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 80, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 80, 71);  
box-shadow:4px 4px 4px 4px rgb(118, 80,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 90.3360, 25.5370, 5.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 80, 71) }
```

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

```
.background{ background-color: rgb(118, 80,  
71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor