

Converting Colors

YIQ(36.6650, -24.9960, 45.5320)

Have a look what the booklet for
YIQ(36.6650, -24.9960, 45.5320)
contains.

YIQ(36.6650, -24.9960, 45.5320)	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(36.6650, -24.9960,
45.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	290E8E
RGB	41, 14, 142
RGB Percent	16%, 5%, 56%
CMY	0.8390, 0.9452, 0.4433
CMYK	0.71, 0.90, 0.00, 0.44
HSL	253°, 82%, 31%
HSV	253°, 90%, 56%
XYZ	5.9515, 2.7374, 25.7860
YIQ	36.6650, -24.9960, 45.5320

Conversions

Conversions Part 2

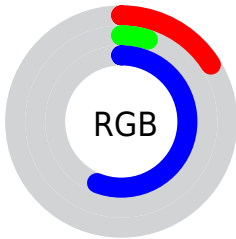
Format	Color
R_{YB}	41, 14, 142
Decimal	2690702
CIE _{Lab}	18.96, 47.86, -63.46
CIE _{LCh}	19, 79.485, 307.021
Y _{xy}	2.7374, 0.1726, 0.0794
Android (android.graphics.Color)	4280880782 (0xFF290E8E)
YUV	36.6650, 51.9302, 3.8018
Hunter-Lab	16.5452, 35.2545, -80.8230

Details

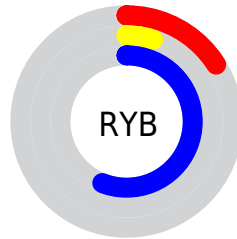
The YIQ color **36.6650, -24.9960, 45.5320** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **119.3350, 24.9960, -45.5320**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **90.8230, -19.4490, 49.6310**, and **10.2600, -28.8900, 27.9900** is the 20% darker color. If you saturate the color by 10%, you get **25.1580, -27.7020, 50.5220**, and if you desaturate by 10%, it is **48.1720, -22.2900, 40.5420**.

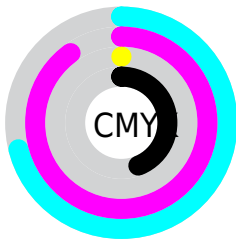
Distribution



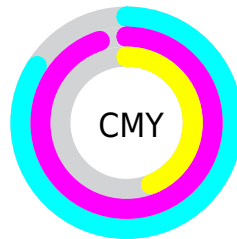
- Red (16%)
- Green (5%)
- Blue (56%)



- Red (16%)
- Yellow (5%)
- Blue (56%)



- Cyan (71%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.6650, -24.9960, 45.5320 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 36.6650, -24.9960, 45.5320 by changing the saturation by 10% instead.

■ 36.6650, -24.9960,
45.5320

■ 36.6650, -24.9960,
45.5320

■ 253.8260, 0.5500,
1.0460

■ 13.2240, -37.2360,
36.0760

■ 90.8230, -19.4490,
49.6310

■ 10.2600, -28.8900,
27.9900

■ 117.3610,
-18.0280, 51.4120

■ 11.6330, -23.1110,
16.8650

■ 144.7140,
-17.5240, 53.2920

■ 6.5490, -14.3070,
11.4930

■ 168.6470, -7.3900,
45.8420

■ 2.9810, -7.0160,
6.0080

■ 193.4660, 3.0650,
38.0810

■ 0.0000, 0.0000,
0.0000

■ 218.8720, 13.2450,

29.7970

■ 236.8030, 8.5250,
16.2130

■ 36.6650, -24.9960,
45.5320

■ 36.6650, -24.9960,
45.5320

■ 25.1580, -27.7020,
50.5220

■ 48.1720, -22.2900,
40.5420

■ 59.6790, -19.5840,
35.5520

■ 72.0720, -16.5570,
30.2510

■ 83.5790, -13.8510,
25.2610

■ 95.0860, -11.1450,
20.2710

■ 106.5930, -8.4390,
15.2810

■ 118.1000, -5.7330,
10.2910

■ 130.4930, -2.7060,
4.9900

■ 142.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



50.1490, -68.1820, 24.2180



36.6650, -24.9960, 45.5320



45.8840, 40.4750, 53.9390

Triad

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



36.6650, -24.9960, 45.5320



38.9490, 48.7360, 8.8320



44.8810, -36.8140, -15.6460

Complementary

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



36.6650, -24.9960, 45.5320



119.3350, 24.9960, -45.5320

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.



36.9810, -17.3250, -32.9490



36.6650, -24.9960, 45.5320



42.5170, 13.9410, -15.8750

Square

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



36.6650, -24.9960, 45.5320



37.0760, 73.9040, 26.2880



34.6330, -16.2250, -30.8570



52.0800, -55.7070, 1.8690

Rectangle

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



36.6650, -24.9960, 45.5320



46.3360, 62.2090, 45.5130



34.6330, -16.2250, -30.8570



42.0140, -30.1190, -21.3430

Sweetspot

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



36.6650, -24.9960, 45.5320



142.9890, -9.4940, 17.8820



88.4660, -69.1380, -13.5380



67.5130, -5.4580, 10.8140



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



36.6650, -24.9960, 45.5320



32.6370, -35.8200, 65.4920



55.5020, 12.5520, 58.8880



65.3960, -1.0550, 2.6010



24.0610, -26.0510, 48.1330



1.5100, -1.3760, 2.9120

Inverse Universe

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



63.7860, 43.8670, 58.5470



71.5460, 63.1190, 84.1030



100.4980, -12.5520, -58.8880



66.7770, 2.2460, 3.3500



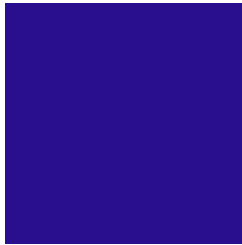
52.5630, 46.1130, 61.8970



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 36.6650, -24.9960, 45.5320 looks on a white background.

Color Contrast Check

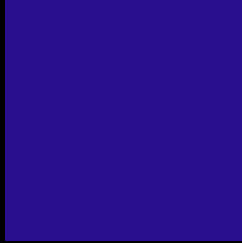
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 36.6650, -24.9960, 45.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

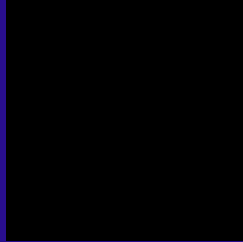
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.6650, -24.9960, 45.5320

Background



This preview shows how black text looks on a background with the YIQ color 36.6650, -24.9960, 45.5320.



This preview shows how white text looks on a background with the YIQ color 36.6650, -24.9960,

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

36.6650, -24.9960, 45.5320

Protanopia

38.0600, -43.7870, 6.1090

Deuteranopia

38.1110, -39.7970, -0.1250



Tritanopia

37.4950, -32.5510, -10.3030

Trichromacy



Original Color

36.6650, -24.9960, 45.5320

Protanomaly

37.3250, -36.6830, 20.5410

Deuteranomaly

37.4730, -34.3440, 16.6960

Tritanomaly

37.2960, -29.7120, 9.8400

Monochromacy



Original Color

36.6650, -24.9960, 45.5320

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.9350, -9.4020, 16.2140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.6650, -24.9960, 45.5320 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(41, 14, 142)` looks like.

```
.text, #text, p{  
    color:rgb(41, 14, 142)  
}
```

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(41, 14, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 14, 142) }
```

Border

The CSS property to change the border of an element to YIQ 36.6650, -24.9960, 45.5320 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(41, 14, 142) }
```


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

```
.border{ border-color:rgb(41, 14, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 14, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 14, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 14, 142);  
box-shadow:4px 4px 4px 4px rgb(41, 14,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 36.6650, -24.9960, 45.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 14, 142) }
```

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

```
.background{ background-color: rgb(41, 14,  
142) }
```

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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