

Converting Colors

YIQ(66.1410, 31.7210, 36.3690)

Have a look what the booklet for
YIQ(66.1410, 31.7210, 36.3690)
contains.

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Color

**YIQ(66.1410, 31.7210,
36.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	77225D
RGB	119, 34, 93
RGB Percent	47%, 13%, 36%
CMY	0.5331, 0.8668, 0.6352
CMYK	0.00, 0.71, 0.22, 0.53
HSL	318°, 56%, 30%
HSV	318°, 71%, 47%
XYZ	10.1638, 5.8589, 10.9559
YIQ	66.1410, 31.7210, 36.3690

Conversions

Conversions Part 2

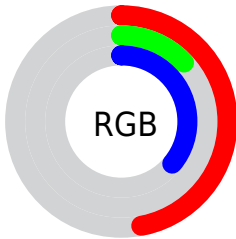
Format	Color
R_{YB}	119, 34, 93
Decimal	7807581
CIE _{Lab}	29.05, 43.13, -15.34
CIE _{LCh}	29, 45.776, 340.415
Yxy	5.8589, 0.3767, 0.2172
Android (android.graphics.Color)	4285997661 (0xFF77225D)
YUV	66.1410, 13.2415, 46.3573
Hunter-Lab	24.2053, 32.5931, -9.8924

Details

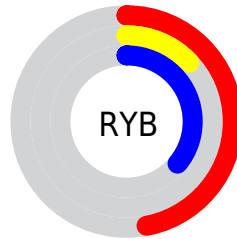
The YIQ color **66.1410, 31.7210, 36.3690** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **86.8590, -31.7210, -36.3690**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.8100, 34.1510, 36.3830**, and **25.3910, 24.8450, 28.8210** is the 20% darker color. If you saturate the color by 10%, you get **58.6410, 36.3050, 41.4010**, and if you desaturate by 10%, it is **73.6410, 27.1370, 31.3370**.

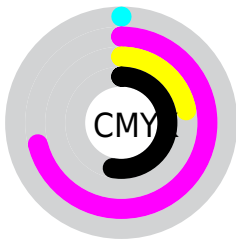
Distribution



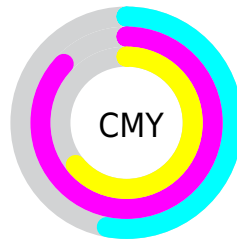
- Red (47%)
- Green (13%)
- Blue (36%)



- Red (47%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.1410, 31.7210, 36.3690 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 66.1410, 31.7210, 36.3690 by changing the saturation by 10% instead.

66.1410, 31.7210,
36.3690

66.1410, 31.7210,
36.3690

255.0000, -0.0000,
-0.0000

36.2600, 33.0040,
40.6520

118.8100, 34.1510,
36.3830

25.3910, 24.8450,
28.8210

145.5220, 35.0220,
37.1180

16.5330, 18.1530,
17.9370

173.1200, 36.2140,
37.5420

0.0000, 0.0000,
0.0000

199.3370, 34.1050,
37.2170

219.0790, 17.0960,
31.5920

235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

66.1410, 31.7210,
36.3690

66.1410, 31.7210,
36.3690

58.6410, 36.3050,
41.4010

73.6410, 27.1370,
31.3370

51.2550, 40.5680,
46.7440

81.0270, 22.8740,
25.9940

45.0430, 44.2810,
51.0410

88.5270, 18.2900,
20.9620

96.0270, 13.7060,
15.9300

102.8260, 9.7180,
11.1100

■ 110.3260, 5.1340,
6.0780

■ 117.8260, 0.5500,
1.0460

■ 125.2120, -3.7130,
-4.2970

■ 132.7120, -8.2970,
-9.3290

Harmonies

Analogous

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



70.2490, -3.9940, 28.3420



66.1410, 31.7210, 36.3690



61.3310, 51.4370, 31.4770

Triad

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



66.1410, 31.7210, 36.3690



63.5040, 23.9830, -21.6570



61.7170, -59.4190, -7.9550

Complementary

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



66.1410, 31.7210, 36.3690



86.8590, -31.7210, -36.3690

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.



58.4280, -48.7800, -19.0520



66.1410, 31.7210, 36.3690



56.3970, -3.9370, -33.2890

Square

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



66.1410, 31.7210, 36.3690



64.5440, 44.8420, -8.7100



53.6230, -36.6280, -30.0360



61.7630, -65.0600, 0.6680

Rectangle

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



66.1410, 31.7210, 36.3690



62.5080, 54.8320, 19.5040



53.6230, -36.6280, -30.0360



61.1640, -56.4840, -11.5880

Sweetspot

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



66.1410, 31.7210, 36.3690



135.4890, 12.2850, 14.1490



51.1650, -12.3850, 31.7350



66.5760, 7.4260, 8.5940



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



66.1410, 31.7210, 36.3690



72.6680, 50.0110, 57.3310



61.3530, 45.2030, 23.3070



55.2500, 2.2920, 2.5160



46.1680, 45.4270, 52.2990



94.4720, 93.4670, 106.8030

Inverse Universe

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



66.1410, 31.7210, 36.3690



72.6680, 50.0110, 57.3310



91.6470, -45.2030, -23.3070



55.2500, 2.2920, 2.5160



46.1680, 45.4270, 52.2990



94.4720, 93.4670, 106.8030

Previews

White Background



This preview shows how the YIQ color 66.1410, 31.7210, 36.3690 looks on a white background.

Color Contrast Check

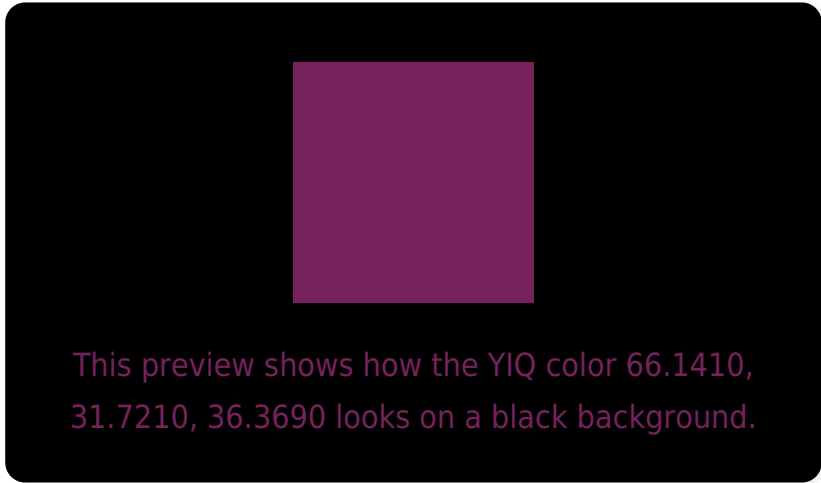
Large Text (above 18pt) WCAG AA ✓ Pass

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

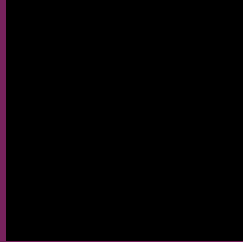
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.1410, 31.7210, 36.3690

Background



This preview shows how black text looks on a background with the YIQ color 66.1410, 31.7210, 36.3690.



This preview shows how white text looks on a background with the YIQ color 66.1410, 31.7210,

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

66.1410, 31.7210, 36.3690

Protanopia

67.6490, -29.2080, 11.7200

Deuteranopia

69.9810, -7.0160, 6.0080



Tritanopia

67.6740, 39.5650, 15.3490

Trichromacy



Original Color

66.1410, 31.7210, 36.3690

Protanomaly

67.2390, -7.2020, 20.3980

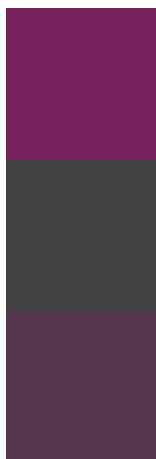
Deuteranomaly

68.8460, 6.9660, 16.9340

Tritanomaly

66.8620, 36.4000, 23.1520

Monochromacy



Original Color

66.1410, 31.7210, 36.3690

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.7770, 11.4140, 13.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.1410, 31.7210, 36.3690 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(119, 34, 93)` looks like.

```
.text, #text, p{  
    color:rgb(119, 34, 93)  
}
```

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(119, 34, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 34, 93) }
```

Border

The CSS property to change the border of an element to YIQ 66.1410, 31.7210, 36.3690 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(119, 34, 93) }
```


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

```
.border{ border-color:rgb(119, 34, 93) }
```

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

Here you see how a box with a 4 pixel rgb(119, 34, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 34, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 34, 93);  
box-shadow:4px 4px 4px 4px rgb(119, 34,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 66.1410, 31.7210, 36.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 34, 93) }
```

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

```
.background{ background-color: rgb(119, 34,  
93) }
```

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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