

Converting Colors

YIQ(112.0580, 38.7840, 24.0000)

Have a look what the booklet for
YIQ(112.0580, 38.7840, 24.0000)
contains.

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Color

**YIQ(112.0580, 38.7840,
24.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	A4566E
RGB	164, 86, 110
RGB Percent	64%, 34%, 43%
CMY	0.3567, 0.6629, 0.5685
CMYK	0.00, 0.48, 0.33, 0.36
HSL	342°, 31%, 49%
HSV	342°, 48%, 64%
XYZ	21.4619, 15.6748, 16.6561
YIQ	112.0580, 38.7840, 24.0000

Conversions

Conversions Part 2

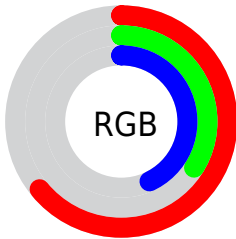
Format	Color
R_{YB}	164, 86, 110
Decimal	10770030
CIE _{Lab}	46.54, 34.88, 0.87
CIE _{LCh}	47, 34.892, 1.434
Yxy	15.6748, 0.3990, 0.2914
Android (android.graphics.Color)	4288960110 (0xFFA4566E)
YUV	112.0580, -1.0146, 45.5531
Hunter-Lab	39.5915, 27.4770, 2.7708

Details

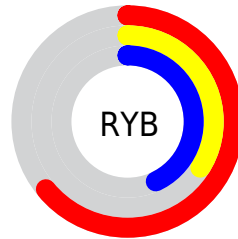
The YIQ color **112.0580, 38.7840, 24.0000** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.9420, -38.7840, -24.0000**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4390, 42.0850, 24.7490**, and **61.4920, 34.5660, 23.3500** is the 20% darker color. If you saturate the color by 10%, you get **101.4120, 46.7150, 28.9470**, and if you desaturate by 10%, it is **122.7040, 30.8530, 19.0530**.

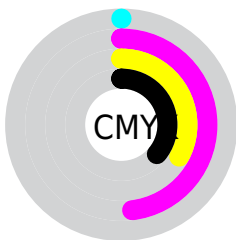
Distribution



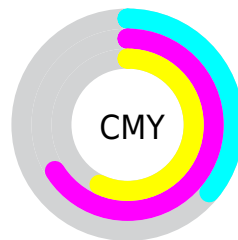
- Red (64%)
- Green (34%)
- Blue (43%)



- Red (64%)
- Yellow (34%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.0580, 38.7840, 24.0000 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 112.0580, 38.7840, 24.0000 by changing the saturation by 10% instead.

■ 112.0580, 38.7840,
24.0000

■ 112.0580, 38.7840,
24.0000

■ 255.0000, -0.0000,
-0.0000

■ 86.2750, 36.6750,
23.6750

■ 165.5530, 41.7640,
25.0600

■ 61.7910, 35.1620,
23.5620

■ 192.4500, 43.5520,
25.6960

■ 34.7740, 33.8320,
25.6400

■ 213.5730, 29.8440,
20.8200

■ 19.6220, 28.1480,
18.5160

■ 233.3150, 12.8350,
15.1950

■ 10.2800, 19.9430,
7.5190

■ 251.4780, 1.6500,
3.1380

■ 0.0000, 0.0000,
0.0000

■ 112.0580, 38.7840,
24.0000

■ 112.0580, 38.7840,
24.0000

■ 101.4120, 46.7150,
28.9470

■ 122.7040, 30.8530,
19.0530

■ 90.0650, 55.2420,
34.1060

■ 134.0510, 22.3260,
13.8940

■ 79.4190, 63.1730,
39.0530

■ 144.6970, 14.3950,
8.9470

■ 68.1860, 71.3790,
44.5230

■ 155.9300, 6.1890,
3.4770

■ 57.4260, 79.6310,
49.1590

■ 166.6900, -2.0630,
-1.1590


■ 54.8500, 81.3730,
50.6290

■ 177.3360, -9.9940,
-6.1060

■ 188.5690,
-18.2000, -11.5760

■ 199.3290,

-26.4520, -16.2120

 210.5620,
-34.6580, -21.6820

Harmonies

Analogous

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



113.5150, 18.5640, 27.0120



112.0580, 38.7840, 24.0000



110.5130, 47.2680, 13.4120

Triad

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



112.0580, 38.7840, 24.0000



104.6960, 5.8270, -23.0130



89.3810, -84.9560, -13.2120

Complementary

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



112.0580, 38.7840, 24.0000



137.9420, -38.7840, -24.0000

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.



89.3350, -79.3150, -21.8350



112.0580, 38.7840, 24.0000



99.0760, -24.6620, -26.6300

Square

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



112.0580, 38.7840, 24.0000



107.6560, 29.6670, -14.5330



86.0290, -70.0060, -30.8540



104.4340, -47.7760, 6.8160

Rectangle

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



112.0580, 38.7840, 24.0000



109.9330, 45.6650, 3.9130



86.0290, -70.0060, -30.8540



89.2840, -83.3050, -15.6010

Sweetspot

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



112.0580, 38.7840, 24.0000



193.9960, 14.9910, 9.1590



110.7390, 6.5500, 35.4940



95.0660, 8.8020, 5.6820



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



112.0580, 38.7840, 24.0000



132.8100, 60.5140, 37.6820



117.5400, 42.6380, 9.2140



76.0330, 4.4010, 2.8410



48.4850, 71.9750, 44.7350



6.0660, 8.8020, 5.6820

Inverse Universe

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



112.0580, 38.7840, 24.0000



132.8100, 60.5140, 37.6820



132.4600, -42.6380, -9.2140



76.0330, 4.4010, 2.8410



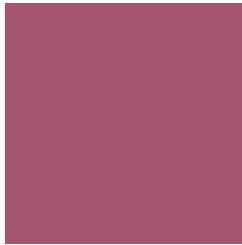
48.4850, 71.9750, 44.7350



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 112.0580, 38.7840, 24.0000 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 112.0580, 38.7840, 24.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

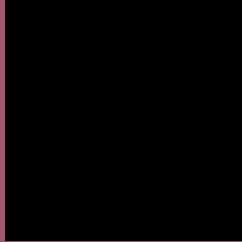
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.0580, 38.7840, 24.0000

Background



This preview shows how black text looks on a background with the YIQ color 112.0580, 38.7840, 24.0000.



This preview shows how white text looks on a background with the YIQ color 112.0580, 38.7840,

24.0000.

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

112.0580, 38.7840, 24.0000

Protanopia

111.2970, -5.0900, 4.1420

Deuteranopia

111.6700, 9.8570, 3.0810



Tritanopia

111.8100, 42.1780, 17.5540

Trichromacy



Original Color

112.0580, 38.7840, 24.0000

Protanomaly

111.4240, 10.9100, 11.5340

Deuteranomaly

111.5730, 20.6760, 10.7560

Tritanomaly

111.7930, 40.8480, 19.6320

Monochromacy



Original Color

112.0580, 38.7840, 24.0000

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.2840, 14.1200, 8.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0580, 38.7840, 24.0000 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(164, 86, 110)` looks like.

```
.text, #text, p{  
    color:rgb(164, 86, 110)  
}
```

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(164, 86, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 86, 110) }
```

Border

The CSS property to change the border of an element to YIQ 112.0580, 38.7840, 24.0000 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(164, 86, 110) }
```


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

```
.border{ border-color:rgb(164, 86, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 86, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 86, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 86, 110);  
box-shadow:4px 4px 4px 4px rgb(164, 86,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 112.0580, 38.7840, 24.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 86, 110) }
```

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

```
.background{ background-color: rgb(164, 86,  
110) }
```

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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