

Converting Colors

YIQ(128.3740, 31.5420, 12.0700)

Have a look what the booklet for
YIQ(128.3740, 31.5420, 12.0700)
contains.

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Color

**YIQ(128.3740, 31.5420,
12.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	A67072
RGB	166, 112, 114
RGB Percent	65%, 44%, 45%
CMY	0.3489, 0.5609, 0.5528
CMYK	0.00, 0.33, 0.31, 0.35
HSL	358°, 23%, 55%
HSV	358°, 33%, 65%
XYZ	24.5635, 20.9095, 18.6703
YIQ	128.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

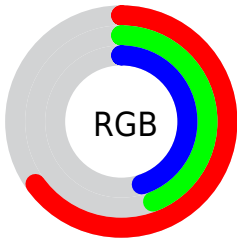
Format	Color
R_{YB}	166, 112, 114
Decimal	10907762
CIE _{Lab}	52.85, 21.72, 7.60
CIE _{LCh}	53, 23.005, 19.279
Yxy	20.9095, 0.3829, 0.3260
Android (android.graphics.Color)	4289097842 (0xFFA67072)
YUV	128.3740, -7.0864, 32.9980
Hunter-Lab	45.7269, 15.8643, 7.8008

Details

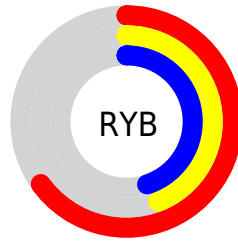
The YIQ color **128.3740, 31.5420, 12.0700** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.6260, -31.5420, -12.0700**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.5700, 33.9260, 12.9180**, and **77.9930, 28.2410, 11.3210** is the 20% darker color. If you saturate the color by 10%, you get **116.5710, 41.3530, 15.9850**, and if you desaturate by 10%, it is **140.1770, 21.7310, 8.1550**.

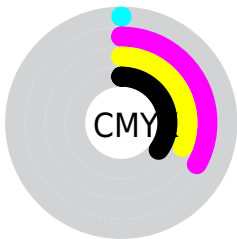
Distribution



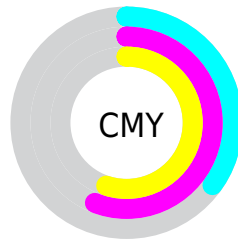
- Red (65%)
- Green (44%)
- Blue (45%)



- Red (65%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.3740, 31.5420, 12.0700 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 128.3740, 31.5420, 12.0700 by changing the saturation by 10% instead.


 128.3740, 31.5420,
12.0700


 128.3740, 31.5420,
12.0700


255.0000, -0.0000,
-0.0000


 102.8900, 30.0290,
11.9570


 181.5700, 33.9260,
12.9180


 77.9930, 28.2410,
11.3210


 209.1680, 35.1180,
13.3420


 55.0960, 26.4530,
10.6850

 229.9920, 20.8140,
8.2540

 32.4270, 24.0230,
10.6710

 250.2070, 3.8510,
1.7950

 12.2590, 24.4360,
8.6920

 0.0000, 0.0000,
0.0000

■ 128.3740, 31.5420,
12.0700

■ 128.3740, 31.5420,
12.0700

■ 116.5710, 41.3530,
15.9850

■ 140.1770, 21.7310,
8.1550

■ 105.3550, 50.8890,
19.3770

■ 151.3930, 12.1950,
4.7630

■ 93.5520, 60.7000,
23.2920

■ 163.1960, 2.3840,
0.8480

■ 82.3360, 70.2360,
26.6840

■ 174.4120, -7.1520,
-2.5440

■ 70.5330, 80.0470,
30.5990

■ 186.2150,
-16.9630, -6.4590

■ 58.7300, 89.8580,
34.5140


■ 198.0180,
-26.7740, -10.3740

■ 50.3180, 97.0100,
37.0580

■ 209.2340,
-36.3100, -13.7660

■ 221.0370,

-46.1210, -17.6810

 228.3890,
-53.0440, -18.8680

Harmonies

Analogous

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



129.1590, 22.1420, 17.2300



128.3740, 31.5420, 12.0700



127.2890, 32.9190, 3.6310

Triad

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



128.3740, 31.5420, 12.0700



121.4530, -6.3700, -16.7220



122.3290, -34.4790, 2.6170

Complementary

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



128.3740, 31.5420, 12.0700



149.6260, -31.5420, -12.0700

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.



117.2470, -46.3520, -7.9840



128.3740, 31.5420, 12.0700



118.3890, -26.6810, -17.5690

Square

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



128.3740, 31.5420, 12.0700



123.8420, 11.6480, -12.8640



115.8850, -42.6370, -14.7410



126.9510, -15.4990, 11.0690

Rectangle

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



128.3740, 31.5420, 12.0700



126.1480, 28.7020, -2.5460



115.8850, -42.6370, -14.7410



120.5840, -39.7510, -0.9590

Sweetspot

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



128.3740, 31.5420, 12.0700



201.6920, 12.7910, 4.9750



133.4050, 13.0620, 27.6060



100.3000, 8.0230, 3.2790



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.3740, 31.5420, 12.0700



157.7570, 49.6970, 18.9530



142.2340, 25.5840, -1.1040



78.3920, 4.7680, 1.6960



44.9360, 86.2820, 33.2420



6.0940, 11.5990, 4.5510

Inverse Universe

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



128.3740, 31.5420, 12.0700



157.7570, 49.6970, 18.9530



135.7660, -25.5840, 1.1040



78.3920, 4.7680, 1.6960



44.9360, 86.2820, 33.2420



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 128.3740, 31.5420, 12.0700 looks on a white background.

Color Contrast Check

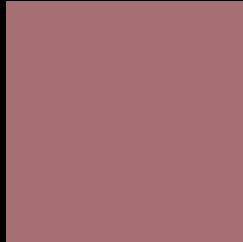
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 128.3740, 31.5420, 12.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

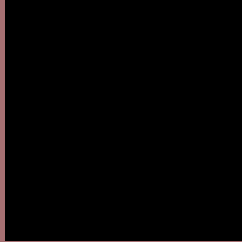
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.3740, 31.5420, 12.0700

Background



This preview shows how black text looks on a background with the YIQ color 128.3740, 31.5420, 12.0700.



This preview shows how white text looks on a background with the YIQ color 128.3740, 31.5420,

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

128.3740, 31.5420, 12.0700

Protanopia

126.7400, 3.6680, -0.3960

Deuteranopia

127.4380, 16.3220, 1.5540



Tritanopia

128.7700, 30.4870, 14.6710

Trichromacy



Original Color

128.3740, 31.5420, 12.0700

Protanomaly

127.3500, 13.7540, 4.0420

Deuteranomaly

127.5960, 21.8690, 5.6530

Tritanomaly

128.5420, 31.1290, 14.0490

Monochromacy



Original Color

128.3740, 31.5420, 12.0700

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0940, 11.5990, 4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.3740, 31.5420, 12.0700 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(166, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(166, 112, 114)  
}
```

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(166, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 112, 114) }
```

Border

The CSS property to change the border of an element to YIQ 128.3740, 31.5420, 12.0700 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(166, 112, 114) }
```


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

```
.border{ border-color:rgb(166, 112, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 112, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(166, 112,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 128.3740, 31.5420, 12.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 112, 114) }
```

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

```
.background{ background-color: rgb(166,  
112, 114) }
```

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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