

Converting Colors

YIQ(112.0410, 27.1450,
-12.8790)

Have a look what the booklet for
YIQ(112.0410, 27.1450, -12.8790)
contains.

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Color

**YIQ(112.0410, 27.1450,
-12.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	82713C
RGB	130, 113, 60
RGB Percent	51%, 44%, 24%
CMY	0.4902, 0.5569, 0.7646
CMYK	0.00, 0.13, 0.54, 0.49
HSL	45°, 37%, 37%
HSV	45°, 54%, 51%
XYZ	15.9271, 16.8813, 6.6992
YIQ	112.0410, 27.1450, -12.8790

Conversions

Conversions Part 2

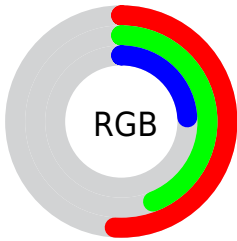
Format	Color
R_{YB}	82, 130, 60
Decimal	8548668
CIE Lab	48.11, -0.68, 31.58
CIE LCh	48, 31.586, 91.232
Yxy	16.8813, 0.4031, 0.4273
Android (android.graphics.Color)	4286738748 (0xFF82713C)
YUV	112.0410, -25.6562, 15.7500
Hunter-Lab	41.0868, -2.7071, 19.0936

Details

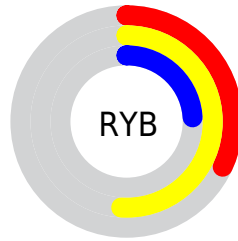
The YIQ color **112.0410, 27.1450, -12.8790** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **77.9590, -27.1450, 12.8790**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5960, 29.8960, -13.1760**, and **63.0730, 24.1190, -13.1050** is the 20% darker color. If you saturate the color by 10%, you get **108.7980, 32.1430, -15.3530**, and if you desaturate by 10%, it is **115.2840, 22.1470, -10.4050**.

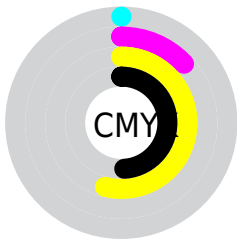
Distribution



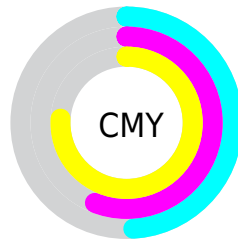
- Red (51%)
- Green (44%)
- Blue (24%)



- Red (32%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.0410, 27.1450, -12.8790 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 112.0410, 27.1450, -12.8790 by changing the saturation by 10% instead.

■ 112.0410, 27.1450,
-12.8790

■ 112.0410, 27.1450,
-12.8790

■ 255.0000, -0.0000,
-0.0000

■ 87.5570, 25.6320,
-12.9920

■ 164.5960, 29.8960,
-13.1760

■ 63.0730, 24.1190,
-13.1050

■ 191.6670, 31.1340,
-13.5860

■ 41.6860, 20.9550,
-10.8290

■ 219.2650, 32.3260,
-13.1620

■ 22.4710, 11.5550,
-5.6690

■ 243.2530, 23.4320,
-17.1760

■ 0.0000, 0.0000,
0.0000

■ 250.5540, 12.5190,
-12.1290

■ 253.8600, 3.2100,

-3.1100

■ 112.0410, 27.1450,
-12.8790

■ 112.0410, 27.1450,
-12.8790

■ 108.7980, 32.1430,
-15.3530

■ 115.2840, 22.1470,
-10.4050

■ 105.5550, 37.1410,
-17.8270

■ 118.5270, 17.1490,
-7.9310

■ 102.3120, 42.1390,
-20.3010

■ 121.7700, 12.1510,
-5.4570

■ 98.4820, 47.4120,
-22.2520

■ 125.6000, 6.8780,
-3.5060

■ 96.3960, 50.5300,
-23.6940

■ 128.8430, 1.8800,
-1.0320

■ 132.0860, -3.1180,
1.4420

■ 135.3290, -8.1160,
3.9160

■ 138.5720,
-13.1140, 6.3900

■ 141.8150,
-18.1120, 8.8640

Harmonies

Analogous

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



114.2480, 40.1640, -1.0200



112.0410, 27.1450, -12.8790



109.1630, 6.0100, -20.8220

Triad

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



112.0410, 27.1450, -12.8790



90.6230, -80.1860, -22.5700



117.7380, 16.3180, 23.6620

Complementary

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



112.0410, 27.1450, -12.8790



77.9590, -27.1450, 12.8790

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.



116.3310, -10.4570, 18.8150



112.0410, 27.1450, -12.8790



91.0280, -85.4600, -15.0920

Square

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



112.0410, 27.1450, -12.8790



95.0090, -58.0860, -26.6140



109.5550, -40.8070, 7.1690



116.6230, 35.5750, 21.5830

Rectangle

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



112.0410, 27.1450, -12.8790



106.7140, -11.7790, -23.3230



109.5550, -40.8070, 7.1690



117.4320, 8.4320, 23.4080

Sweetspot

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



112.0410, 27.1450, -12.8790



161.4000, 10.3170, -5.2590



82.9820, 35.9420, 20.4380



79.8280, 6.2360, -2.8840



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



112.0410, 27.1450, -12.8790



140.3120, 42.1390, -20.3010



116.9370, 12.3380, -25.3740



62.0280, 2.7970, -1.1310



95.2110, 49.6130, -23.5950



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.9590, -27.1450, 12.8790



86.6880, -42.1390, 20.3010



73.3620, -11.7420, 25.5860



58.9720, -2.7970, 1.1310



32.7890, -49.6130, 23.5950



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 112.0410, 27.1450, -12.8790 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 112.0410, 27.1450, -12.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

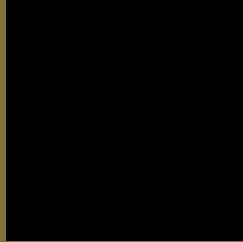
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.0410, 27.1450, -12.8790

Background



This preview shows how black text looks on a background with the YIQ color 112.0410, 27.1450, -12.8790.



This preview shows how white text looks on a background with the YIQ color 112.0410, 27.1450,

-12.8790.

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

112.0410, 27.1450, -12.8790

Protanopia

111.5460, 24.1650, -13.9390

Deuteranopia

112.7970, 33.8840, -8.3560



Tritanopia

116.2840, 14.1200, 8.4240

Trichromacy



Original Color

112.0410, 27.1450, -12.8790

Protanomaly

111.8450, 24.7610, -13.7270

Deuteranomaly

112.1880, 31.2250, -9.7270

Tritanomaly

114.5800, 18.7980, 0.7340

Monochromacy



Original Color

112.0410, 27.1450, -12.8790

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9270, 10.2710, -4.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0410, 27.1450, -12.8790 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(130, 113, 60)` looks like.

```
.text, #text, p{  
    color:rgb(130, 113, 60)  
}
```

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(130, 113, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 113, 60) }
```

Border

The CSS property to change the border of an element to YIQ 112.0410, 27.1450, -12.8790 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(130, 113, 60) }
```


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

```
.border{ border-color:rgb(130, 113, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 113, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 113, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 113, 60);  
box-shadow:4px 4px 4px 4px rgb(130, 113,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 112.0410, 27.1450, -12.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 113, 60) }
```

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

```
.background{ background-color: rgb(130,  
113, 60) }
```

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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