

Converting Colors

YIQ(112.7300, 34.8500,
-25.8700)

Have a look what the booklet for
YIQ(112.7300, 34.8500, -25.8700)
contains.

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Color

**YIQ(112.7300, 34.8500,
-25.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	82781E
RGB	130, 120, 30
RGB Percent	51%, 47%, 12%
CMY	0.4902, 0.5294, 0.8821
CMYK	0.00, 0.08, 0.77, 0.49
HSL	54°, 62%, 31%
HSV	54°, 77%, 51%
XYZ	16.1556, 18.2711, 3.9070
YIQ	112.7300, 34.8500, -25.8700

Conversions

Conversions Part 2

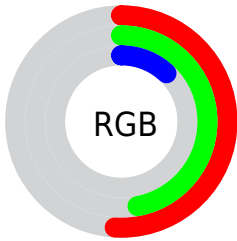
Format	Color
R_{YB}	41, 130, 30
Decimal	8550430
CIE _{Lab}	49.82, -6.75, 47.52
CIE _{LCh}	50, 47.999, 98.086
Yxy	18.2711, 0.4214, 0.4766
Android (android.graphics.Color)	4286740510 (0xFF82781E)
YUV	112.7300, -40.7859, 15.1458
Hunter-Lab	42.7447, -7.3379, 24.5019

Details

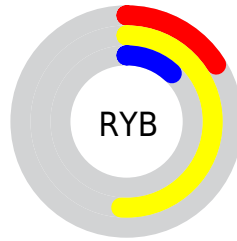
The YIQ color **112.7300, 34.8500, -25.8700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **47.2700, -34.8500, 25.8700**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9260, 37.2340, -25.0220**, and **65.2870, 26.0920, -21.3320** is the 20% darker color. If you saturate the color by 10%, you get **110.6610, 39.2980, -29.3900**, and if you desaturate by 10%, it is **114.7990, 30.4020, -22.3500**.

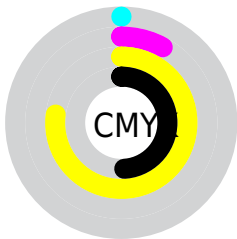
Distribution



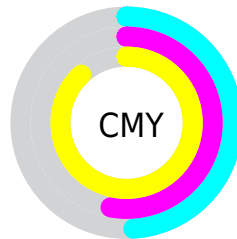
- Red (51%)
- Green (47%)
- Blue (12%)



- Red (16%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (8%)
- Yellow (77%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7300, 34.8500, -25.8700 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 112.7300, 34.8500, -25.8700 by changing the saturation by 10% instead.

■ 112.7300, 34.8500,
-25.8700

■ 112.7300, 34.8500,
-25.8700

■ 255.0000, -0.0000,
-0.0000

■ 86.5620, 35.2630,
-27.8490

■ 165.9260, 37.2340,
-25.0220

■ 65.2870, 26.0920,
-21.3320

■ 192.9970, 38.4720,
-25.4320

■ 44.8980, 17.2420,
-15.1260

■ 221.4810, 39.9850,
-25.3190

■ 25.0960, 8.1170,
-9.4430

■ 244.2840, 30.1740,
-29.2340

■ 0.0000, 0.0000,
0.0000

■ 247.3620, 21.5070,
-20.8370

■ 250.5540, 12.5190,

-12.1290

■ 253.8600, 3.2100,
-3.1100

■ 112.7300, 34.8500,
-25.8700

■ 112.7300, 34.8500,
-25.8700

■ 110.6610, 39.2980,
-29.3900

■ 114.7990, 30.4020,
-22.3500

■ 108.0050, 44.0210,
-32.3870

■ 117.4550, 25.6790,
-19.3530

■ 107.5490, 45.3050,
-33.6310

■ 119.5240, 21.2310,
-15.8330

■ 121.5930, 16.7830,
-12.3130

■ 123.6620, 12.3350,
-8.7930

■ 126.3180, 7.6120,
-5.7960

■ 128.3870, 3.1640,
-2.2760

■ 130.4560, -1.2840,
1.2440

■ 133.1120, -6.0070,
4.2410

Harmonies

Analogous

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



115.2310, 56.0290, -7.7070



112.7300, 34.8500, -25.8700



107.7240, -0.5440, -34.2080

Triad

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



112.7300, 34.8500, -25.8700



99.5710, -91.6030, -19.4030



120.7930, 32.8210, 38.4610

Complementary

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



112.7300, 34.8500, -25.8700



47.2700, -34.8500, 25.8700

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.



121.6880, -6.6080, 31.6640



112.7300, 34.8500, -25.8700



99.0130, -98.2990, -8.1790

Square

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



112.7300, 34.8500, -25.8700



95.7120, -79.3590, -32.0550



109.2830, -63.2280, 11.5240



117.6800, 57.7640, 32.4520

Rectangle

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



112.7300, 34.8500, -25.8700



101.0220, -33.7380, -38.3620



109.2830, -63.2280, 11.5240



122.1060, 21.6340, 37.4580

Sweetspot

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



112.7300, 34.8500, -25.8700



161.3200, 13.2980, -9.7260



61.0400, 56.3900, 24.3100



80.2040, 7.9330, -6.1070



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.



112.7300, 34.8500, -25.8700



141.5250, 53.8800, -40.3600



106.6400, 8.2600, -39.5800



62.6150, 2.5220, -1.6540



105.7770, 44.6630, -33.0090



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.2700, -34.8500, 25.8700



40.0620, -54.1550, 39.8370



53.3600, -8.2600, 39.5800



58.3850, -2.5220, 1.6540



22.2230, -44.6630, 33.0090



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 112.7300, 34.8500, -25.8700 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 112.7300, 34.8500, -25.8700 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 112.7300, 34.8500, -25.8700

Background



This preview shows how black text looks on a background with the YIQ color 112.7300, 34.8500, -25.8700.



This preview shows how white text looks on a background with the YIQ color 112.7300, 34.8500, -25.8700.

-25.8700.

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

112.7300, 34.8500, -25.8700

Protanopia

113.0400, 36.9130, -24.7110

Deuteranopia

114.6440, 47.1360, -17.2480



Tritanopia

120.5010, 12.0110, 8.0990

Trichromacy



Original Color

112.7300, 34.8500, -25.8700

Protanomaly

112.7410, 36.3170, -24.9230

Deuteranomaly

114.1980, 42.4600, -20.6120

Tritanomaly

117.6030, 19.9910, -4.3690

Monochromacy



Original Color

112.7300, 34.8500, -25.8700

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1350, 12.3810, -9.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7300, 34.8500, -25.8700 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, 120, 30)` looks like.

```
.text, #text, p{  
    color:rgb(130, 120, 30)  
}
```

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, 120, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 120, 30) }
```

Border

The CSS property to change the border of an element to YIQ 112.7300, 34.8500, -25.8700 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, 120, 30) }
```


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

```
.border{ border-color:rgb(130, 120, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 120, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 120, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 120, 30);  
box-shadow:4px 4px 4px 4px rgb(130, 120,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 112.7300, 34.8500, -25.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 120, 30) }
```

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

```
.background{ background-color: rgb(130,  
120, 30) }
```

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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