

Converting Colors

YIQ(114.6400, 71.2950, 1.9750)

Have a look what the booklet for
YIQ(114.6400, 71.2950, 1.9750)
contains.

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Color

**YIQ(114.6400, 71.2950,
1.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	B85E27
RGB	184, 94, 39
RGB Percent	72%, 37%, 15%
CMY	0.2783, 0.6315, 0.8467
CMYK	0.00, 0.49, 0.79, 0.28
HSL	23°, 65%, 44%
HSV	23°, 79%, 72%
XYZ	24.1451, 18.3417, 4.1944
YIQ	114.6400, 71.2950, 1.9750

Conversions

Conversions Part 2

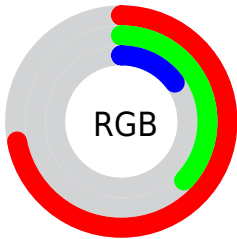
Format	Color
RYB	184, 128, 39
Decimal	12082727
CIELab	49.91, 32.58, 46.09
CIELCh	50, 56.440, 54.744
Yxy	18.3417, 0.5172, 0.3929
Android (android.graphics.Color)	4290272807 (0xFFB85E27)
YUV	114.6400, -37.2905, 60.8287
Hunter-Lab	42.8272, 25.6869, 24.1723

Details

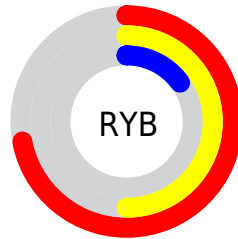
The YIQ color **114.6400, 71.2950, 1.9750** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **108.3600, -71.2950, -1.9750**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9890, 77.6220, 2.9500**, and **63.7900, 62.1250, 2.9650** is the 20% darker color. If you saturate the color by 10%, you get **106.1310, 80.0980, 2.1300**, and if you desaturate by 10%, it is **123.1490, 62.4920, 1.8200**.

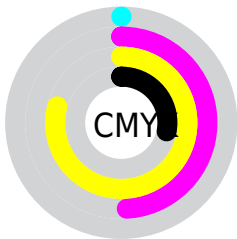
Distribution



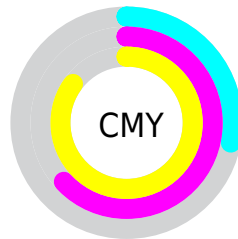
- Red (72%)
- Green (37%)
- Blue (15%)



- Red (72%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (49%)
- Yellow (79%)
- Black (28%)



- Cyan (28%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6400, 71.2950, 1.9750 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 114.6400, 71.2950, 1.9750 by changing the saturation by 10% instead.

■ 114.6400, 71.2950,
1.9750

■ 114.6400, 71.2950,
1.9750

■ 255.0000, -0.0000,
-0.0000

■ 88.0310, 68.6360,
0.6040

■ 168.9890, 77.6220,
2.9500

■ 63.7900, 62.1250,
2.9650

■ 190.6780, 68.1320,
-1.2760

■ 40.4440, 51.7160,
9.8920

■ 209.6050, 52.0400,
-7.0000

■ 20.0330, 39.9320,
14.2040

■ 229.5920, 35.7190,
-14.0810

■ 13.2700, 25.9030,
9.6390

■ 248.0460, 19.5810,
-18.9710

■ 0.0000, 0.0000,
0.0000

■ 251.2380, 10.5930,

-10.2630

254.5440, 1.2840,
-1.2440

■ 114.6400, 71.2950,
1.9750

■ 114.6400, 71.2950,
1.9750

■ 106.1310, 80.0980,
2.1300

■ 123.1490, 62.4920,
1.8200

■ 96.9210, 89.4970,
2.4970

■ 132.3590, 53.0930,
1.4530

■ 96.1060, 90.4140,
2.3980

■ 140.8680, 44.2900,
1.2980

■ 150.0780, 34.8910,
0.9310

■ 158.5870, 26.0880,
0.7760

■ 167.7970, 16.6890,
0.4090

■ 176.3060, 7.8860,
0.2540

■ 184.8150, -0.9170,
0.0990

■ 194.0250,
-10.3160, -0.2680

Harmonies

Analogous

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



114.0700, 74.0410, 29.3130



114.6400, 71.2950, 1.9750



111.4690, 57.4540, -28.0340

Triad

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



114.6400, 71.2950, 1.9750



94.4920, -73.1680, -39.6320



118.5520, -35.5840, 28.1600

Complementary

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



114.6400, 71.2950, 1.9750



108.3600, -71.2950, -1.9750

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.



99.0590, -103.9400, 0.4440



114.6400, 71.2950, 1.9750



100.7790, -89.4930, -24.6050

Square

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



114.6400, 71.2950, 1.9750



96.2400, -37.5880, -45.6840



102.8770, -100.9120, -10.3840



121.8380, 19.7530, 44.0170

Rectangle

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



114.6400, 71.2950, 1.9750



108.8960, 36.7780, -38.7900



102.8770, -100.9120, -10.3840



111.0970, -62.4040, 18.6200

Sweetspot

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



114.6400, 71.2950, 1.9750



212.2560, 28.5180, 0.7900



92.8430, 56.8880, 59.3520



103.0960, 17.2850, 0.6210



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



114.6400, 71.2950, 1.9750



130.6540, 112.2380, 3.3580



156.3170, 51.7700, -35.1580



87.4520, 4.5390, 0.3390



81.2770, 76.7510, 2.2150



14.8290, 13.6630, 0.1830

Inverse Universe

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



108.3600, -71.2950, -1.9750



120.7590, -111.9630, -2.8350



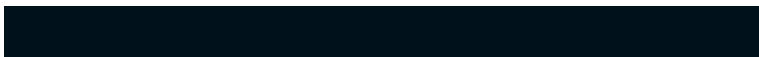
66.6830, -51.7700, 35.1580



86.9610, -4.2640, 0.1840



74.7230, -76.7510, -2.2150



13.1710, -13.6630, -0.1830

Previews

White Background



This preview shows how the YIQ color 114.6400, 71.2950, 1.9750 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 114.6400, 71.2950, 1.9750 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 114.6400, 71.2950, 1.9750

Background



This preview shows how black text looks on a background with the YIQ color 114.6400, 71.2950, 1.9750.



This preview shows how white text looks on a background with the YIQ color 114.6400, 71.2950,

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

114.6400, 71.2950, 1.9750

Protanopia

114.8640, 31.7770, -19.7350

Deuteranopia

114.9430, 47.7320, -17.0360



Tritanopia

118.2850, 57.0780, 22.8540

Trichromacy



Original Color

114.6400, 71.2950, 1.9750

Protanomaly

114.9200, 46.5390, -11.9330

Deuteranomaly

114.6500, 56.1670, -10.2090

Tritanomaly

116.8800, 62.3520, 15.3760

Monochromacy



Original Color

114.6400, 71.2950, 1.9750

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.5870, 26.0880, 0.7760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6400, 71.2950, 1.9750 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(184, 94, 39)` looks like.

```
.text, #text, p{  
    color:rgb(184, 94, 39)  
}
```

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(184, 94, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 94, 39) }
```

Border

The CSS property to change the border of an element to YIQ 114.6400, 71.2950, 1.9750 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(184, 94, 39) }
```


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

```
.border{ border-color:rgb(184, 94, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 94, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 94, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 94, 39);  
box-shadow:4px 4px 4px 4px rgb(184, 94,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6400, 71.2950, 1.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 94, 39) }
```

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

```
.background{ background-color: rgb(184, 94,  
39) }
```

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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