

Converting Colors

YIQ(88.6110, 42.7350, -20.0890)

Have a look what the booklet for
YIQ(88.6110, 42.7350, -20.0890)
contains.

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Color

**YIQ(88.6110, 42.7350,
-20.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	755A07
RGB	117, 90, 7
RGB Percent	46%, 35%, 3%
CMY	0.5412, 0.6471, 0.9723
CMYK	0.00, 0.23, 0.94, 0.54
HSL	45°, 89%, 24%
HSV	45°, 94%, 46%
XYZ	11.0304, 11.1080, 1.7654
YIQ	88.6110, 42.7350, -20.0890

Conversions

Conversions Part 2

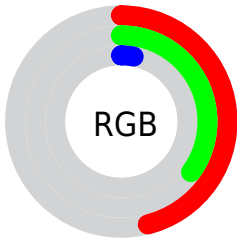
Format	Color
R_{YB}	43, 117, 7
Decimal	7690759
CIE Lab	39.76, 3.53, 45.52
CIE LCh	40, 45.658, 85.560
Yxy	11.1080, 0.4615, 0.4647
Android (android.graphics.Color)	4285880839 (0xFF755A07)
YUV	88.6110, -40.2342, 24.8972
Hunter-Lab	33.3286, 0.7511, 20.1895

Details

The YIQ color **88.6110, 42.7350, -20.0890** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **35.3890, -42.7350, 20.0890**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.8610, 45.0270, -17.5730**, and **45.5510, 25.7690, -9.9670** is the 20% darker color. If you saturate the color by 10%, you get **86.6390, 45.5320, -21.2200**, and if you desaturate by 10%, it is **91.7400, 38.0580, -17.9260**.

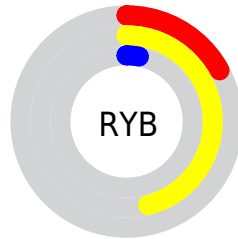
Distribution



Red (46%)

Green (35%)

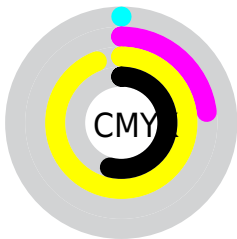
Blue (3%)



Red (17%)

Yellow (46%)

Blue (3%)

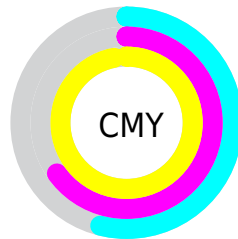


Cyan (0%)

Magenta (23%)

Yellow (94%)

Black (54%)



Cyan (54%)

Magenta (65%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.6110, 42.7350, -20.0890 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 88.6110, 42.7350, -20.0890 by changing the saturation by 10% instead.

88.6110, 42.7350,
-20.0890

88.6110, 42.7350,
-20.0890

254.4300, 1.6050,
-1.5550

66.2390, 35.2150,
-15.9610

140.8610, 45.0270,
-17.5730

45.5510, 25.7690,
-9.9670

167.3450, 46.5400,
-17.4600

26.3360, 16.3690,
-4.8070

195.1280, 48.6490,
-17.1350

2.0930, 4.1720,
1.4840

221.7040, 46.9070,
-18.6050

0.0000, 0.0000,
0.0000

241.2180, 30.5400,
-24.8520

247.9320, 19.9020,

-19.2820

■ 251.1240, 10.9140,
-10.5740

■ 88.6110, 42.7350,
-20.0890

■ 88.6110, 42.7350,
-20.0890

■ 86.6390, 45.5320,
-21.2200

■ 91.7400, 38.0580,
-17.9260

■ 94.7550, 33.7020,
-16.0740

■ 97.8840, 29.0250,
-13.9110

■ 100.4260, 24.6230,
-11.2250

■ 103.5550, 19.9460,
-9.0620

■ 106.5700, 15.5900,
-7.2100

■ 109.6990, 10.9130,
-5.0470

■ 112.8280, 6.2360,
-2.8840

■ 115.8430, 1.8800,
-1.0320

Harmonies

Analogous

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



90.7290, 54.9270, 1.2550



88.6110, 42.7350, -20.0890



85.4440, 15.0440, -30.3640

Triad

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



88.6110, 42.7350, -20.0890



79.4070, -70.6500, -19.1780



95.7740, 16.6370, 34.4050

Complementary

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



88.6110, 42.7350, -20.0890



35.3890, -42.7350, 20.0890

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.



93.6530, -25.8630, 22.6890



88.6110, 42.7350, -20.0890



81.0660, -79.4550, -8.2790

Square

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



88.6110, 42.7350, -20.0890



75.0750, -58.4520, -30.9960



77.8520, -81.4280, -0.0520



92.5030, 45.2010, 34.3610

Rectangle

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



88.6110, 42.7350, -20.0890



81.5040, -11.5480, -33.0200



77.8520, -81.4280, -0.0520



96.5490, 4.0290, 31.6210

Sweetspot

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



88.6110, 42.7350, -20.0890



141.6410, 16.8280, -7.6200



43.0820, 56.5720, 32.0280



69.8130, 10.5920, -4.7360



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



88.6110, 42.7350, -20.0890



113.2520, 59.5630, -27.7090



96.3870, 19.2180, -39.9340



57.1420, 2.4760, -0.8200



90.4820, 47.4120, -22.2520



185.6930, 97.0250, -45.8470

Inverse Universe

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



35.3890, -42.7350, 20.0890



39.7480, -59.5630, 27.7090



27.9120, -18.6220, 40.1460



54.2710, -2.2010, 1.3430



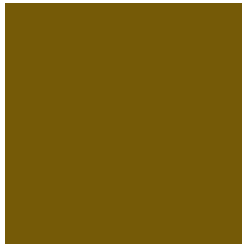
31.5180, -47.4120, 22.2520



64.3070, -97.0250, 45.8470

Previews

White Background



This preview shows how the YIQ color 88.6110, 42.7350, -20.0890 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 88.6110, 42.7350, -20.0890 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 88.6110, 42.7350, -20.0890

Background



This preview shows how black text looks on a background with the YIQ color 88.6110, 42.7350, -20.0890.



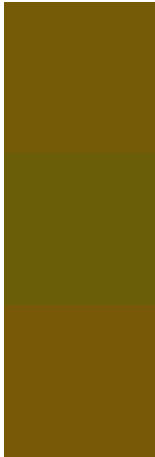
This preview shows how white text looks on a background with the YIQ color 88.6110, 42.7350,

-20.0890.

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

88.6110, 42.7350, -20.0890

Protanopia

87.8980, 34.4370, -23.8910

Deuteranopia

88.7360, 43.8810, -18.8310



Tritanopia

95.7470, 20.1260, 9.7100

Trichromacy



Original Color

88.6110, 42.7350, -20.0890

Protanomaly

88.3930, 37.4170, -22.8310

Deuteranomaly

88.4370, 43.2850, -19.0430

Tritanomaly

93.2020, 28.6100, -0.8780

Monochromacy



Original Color

88.6110, 42.7350, -20.0890

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.5700, 15.5900, -7.2100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.6110, 42.7350, -20.0890 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(117, 90, 7)` looks like.

```
.text, #text, p{  
    color:rgb(117, 90, 7)  
}
```

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(117, 90, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 90, 7) }
```

Border

The CSS property to change the border of an element to YIQ 88.6110, 42.7350, -20.0890 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(117, 90, 7) }
```


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

```
.border{ border-color:rgb(117, 90, 7) }
```

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

Here you see how a box with a 4 pixel rgb(117, 90, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 90, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 90, 7);  
box-shadow:4px 4px 4px 4px rgb(117, 90, 7)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.6110, 42.7350, -20.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 90, 7) }
```

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

```
.background{ background-color: rgb(117, 90,  
7) }
```

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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