

Converting Colors

YIQ(87.9150, 35.7670, -25.9690)

Have a look what the booklet for
YIQ(87.9150, 35.7670, -25.9690)
contains.

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Color

**YIQ(87.9150, 35.7670,
-25.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5F04
RGB	106, 95, 4
RGB Percent	42%, 37%, 2%
CMY	0.5843, 0.6275, 0.9841
CMYK	0.00, 0.10, 0.96, 0.58
HSL	54°, 93%, 22%
HSV	54°, 96%, 42%
XYZ	10.0569, 11.2561, 1.7590
YIQ	87.9150, 35.7670, -25.9690

Conversions

Conversions Part 2

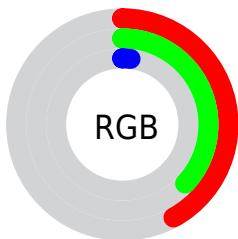
Format	Color
R_YB	16, 106, 4
Decimal	6971140
CIE Lab	40.01, -4.93, 46.01
CIE LCh	40, 46.270, 96.112
Yxy	11.2561, 0.4359, 0.4879
Android (android.graphics.Color)	4285161220 (0xFF6A5F04)
YUV	87.9150, -41.3701, 15.8605
Hunter-Lab	33.5501, -5.2060, 20.3766

Details

The YIQ color **87.9150, 35.7670, -25.9690** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **22.0850, -35.7670, 25.9690**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.7950, 36.2250, -23.2550**, and **45.2080, 19.3050, -13.9670** is the 20% darker color. If you saturate the color by 10%, you get **87.4590, 37.0510, -27.2130**, and if you desaturate by 10%, it is **89.7560, 31.9610, -23.0710**.

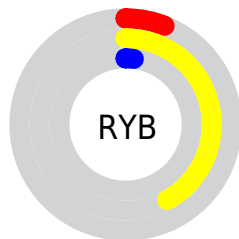
Distribution



Red (42%)

Green (37%)

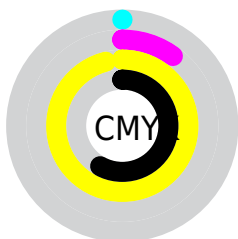
Blue (2%)



Red (6%)

Yellow (42%)

Blue (2%)

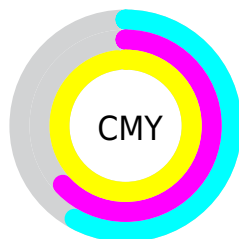


Cyan (0%)

Magenta (10%)

Yellow (96%)

Black (58%)



Cyan (58%)

Magenta (63%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.9150, 35.7670, -25.9690 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 87.9150, 35.7670, -25.9690 by changing the saturation by 10% instead.

■ 87.9150, 35.7670,
-25.9690

■ 87.9150, 35.7670,
-25.9690

■ 254.3160, 1.9260,
-1.8660

■ 66.1840, 27.8800,
-20.6960

■ 139.7950, 36.2250,
-23.2550

■ 45.2080, 19.3050,
-13.9670

■ 167.1650, 38.0590,
-23.4530

■ 25.9930, 9.9050,
-8.8070

■ 194.3500, 38.9760,
-23.5520

■ 0.0000, 0.0000,
0.0000

■ 222.7200, 40.8100,
-23.7500

■ 244.6260, 29.2110,
-28.3010

■ 247.8180, 20.2230,

-19.5930

■ 251.0100, 11.2350,
-10.8850

■ 87.9150, 35.7670,
-25.9690

■ 87.9150, 35.7670,
-25.9690

■ 87.4590, 37.0510,
-27.2130

■ 89.7560, 31.9610,
-23.0710

■ 91.4830, 28.4760,
-20.4840

■ 93.3240, 24.6700,
-17.5860

■ 95.6380, 20.9100,
-15.5220

■ 97.4790, 17.1040,
-12.6240

■ 99.3200, 13.2980,
-9.7260

■ 101.0470, 9.8130,
-7.1390

■ 102.8880, 6.0070,
-4.2410

■ 104.6150, 2.5220,
-1.6540

Harmonies

Analogous

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



90.9040, 52.6360, -6.7880



87.9150, 35.7670, -25.9690



84.4470, 1.7940, -32.5260

Triad

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



87.9150, 35.7670, -25.9690



80.8890, -74.8230, -15.1350



95.5860, 28.9700, 36.6660

Complementary

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



87.9150, 35.7670, -25.9690



22.0850, -35.7670, 25.9690

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.



96.7260, -9.7710, 28.4130



87.9150, 35.7670, -25.9690



80.8040, -81.4730, -4.7450

Square

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



87.9150, 35.7670, -25.9690



77.2580, -63.2210, -27.1650



75.7320, -80.9700, 2.6620



91.9290, 52.6290, 31.9010

Rectangle

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



87.9150, 35.7670, -25.9690



76.8590, -31.7210, -36.3690



75.7320, -80.9700, 2.6620



96.4860, 17.5080, 35.1400

Sweetspot

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



87.9150, 35.7670, -25.9690



130.5050, 14.2150, -9.8250



35.8660, 56.9400, 25.3560



64.5030, 8.5290, -5.8950



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



87.9150, 35.7670, -25.9690



113.4630, 48.4230, -35.0730



82.7110, 9.4980, -39.9900



52.7290, 2.2010, -1.3430



96.6180, 40.8570, -30.1110



201.2210, 86.0700, -62.0740

Inverse Universe

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



22.0850, -35.7670, 25.9690



24.5370, -48.4230, 35.0730



27.2890, -9.4980, 39.9900



49.2710, -2.2010, 1.3430



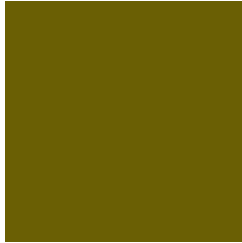
20.9690, -41.1320, 29.5880



43.1920, -85.7950, 62.5970

Previews

White Background



This preview shows how the YIQ color 87.9150, 35.7670, -25.9690 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 87.9150, 35.7670, -25.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

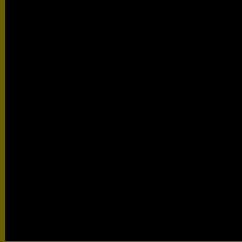
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.9150, 35.7670, -25.9690

Background



This preview shows how black text looks on a background with the YIQ color 87.9150, 35.7670, -25.9690.



This preview shows how white text looks on a background with the YIQ color 87.9150, 35.7670, -25.9690.

-25.9690.

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

87.9150, 35.7670, -25.9690

Protanopia

88.2140, 36.3630, -25.7570

Deuteranopia

89.8930, 42.0010, -17.7990



Tritanopia

95.9740, 12.0570, 7.2650

Trichromacy



Original Color

87.9150, 35.7670, -25.9690

Protanomaly

88.2140, 36.3630, -25.7570

Deuteranomaly

89.2300, 39.4340, -20.8380

Tritanomaly

93.3750, 20.6330, -4.9910

Monochromacy



Original Color

87.9150, 35.7670, -25.9690

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.3200, 13.2980, -9.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.9150, 35.7670, -25.9690 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(106, 95, 4)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 4)  
}
```

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(106, 95, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 4) }
```

Border

The CSS property to change the border of an element to YIQ 87.9150, 35.7670, -25.9690 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(106, 95, 4) }
```


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

```
.border{ border-color:rgb(106, 95, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 95, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 4);  
box-shadow:4px 4px 4px 4px rgb(106, 95, 4)  
}
```

Background

The CSS property to change the background color of an element to YIQ 87.9150, 35.7670, -25.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 4) }
```

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

```
.background{ background-color: rgb(106, 95,  
4) }
```

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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