

Converting Colors

YIQ(133.0650, 25.4560,
-53.8720)

Have a look what the booklet for
YIQ(133.0650, 25.4560, -53.8720)
contains.

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Color

**YIQ(133.0650, 25.4560,
-53.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA10D
RGB	124, 161, 13
RGB Percent	49%, 63%, 5%
CMY	0.5139, 0.3686, 0.9488
CMYK	0.23, 0.00, 0.92, 0.37
HSL	75°, 85%, 34%
HSV	75°, 92%, 63%
XYZ	21.1261, 29.8059, 5.0223
YIQ	133.0650, 25.4560, -53.8720

Conversions

Conversions Part 2

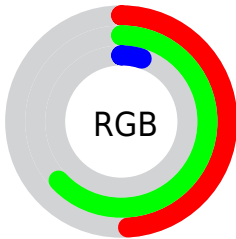
Format	Color
RYB	13, 161, 50
Decimal	8167693
CIELab	61.49, -31.12, 61.87
CIELCh	61, 69.256, 116.700
Yxy	29.8059, 0.3776, 0.5327
Android (android.graphics.Color)	4286357773 (0xFF7CA10D)
YUV	133.0650, -59.1920, -7.9500
Hunter-Lab	54.5948, -26.4683, 32.7621

Details

The YIQ color **133.0650, 25.4560, -53.8720** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **40.9350, -25.4560, 53.8720**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.5040, 22.8420, -50.5500**, and **84.6140, 11.1490, -42.3790** is the 20% darker color. If you saturate the color by 10%, you get **130.6860, 27.8410, -58.5510**, and if you desaturate by 10%, it is **136.0850, 22.7040, -48.0480**.

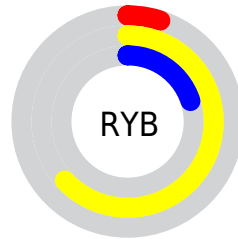
Distribution



Red (49%)

Green (63%)

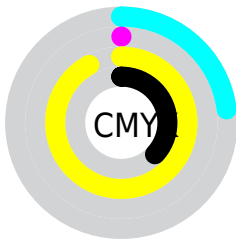
Blue (5%)



Red (5%)

Yellow (63%)

Blue (20%)

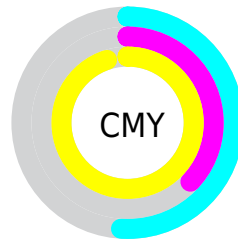


Cyan (23%)

Magenta (0%)

Yellow (92%)

Black (37%)



Cyan (51%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.0650, 25.4560, -53.8720 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 133.0650, 25.4560, -53.8720 by changing the saturation by 10% instead.

133.0650, 25.4560,
-53.8720

133.0650, 25.4560,
-53.8720

255.0000, -0.0000,
-0.0000

108.2480, 20.6870,
-50.0410

189.5040, 22.8420,
-50.5500

84.6140, 11.1490,
-42.3790

217.6890, 23.7590,
-50.6490

62.4530, 1.6570,
-35.5510

236.3080, 29.6260,
-41.3340

38.4980, -11.4110,
-29.9950

244.2840, 30.1740,
-29.2340

22.8930, -10.7250,
-20.3970

247.4760, 21.1860,
-20.5260

5.8700, -2.7500,
-5.2300

250.7820, 11.8770,

0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

133.0650, 25.4560,
-53.8720

133.0650, 25.4560,
-53.8720

130.6860, 27.8410,
-58.5510

136.0850, 22.7040,
-48.0480

139.1050, 19.9520,
-42.2240

142.1250, 17.2000,
-36.4000

145.1450, 14.4480,
-30.5760

148.2790, 11.3750,
-24.4410

■ 151.2990, 8.6230,
-18.6170

■ 154.3190, 5.8710,
-12.7930

■ 157.3390, 3.1190,
-6.9690

■ 160.3590, 0.3670,
-1.1450

Harmonies

Analogous

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



138.6580, 69.7430, -35.9930



133.0650, 25.4560, -53.8720



110.3510, -69.3580, -64.6380

Triad

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



133.0650, 25.4560, -53.8720



128.8770, -127.2750, -11.6830



143.5540, 76.6950, 58.3190

Complementary

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



133.0650, 25.4560, -53.8720



40.9350, -25.4560, 53.8720

Split Complementary

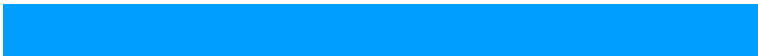
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151.2450, 29.3330, 57.6290



133.0650, 25.4560, -53.8720



121.8160, -125.3050, -3.3290

Square

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



133.0650, 25.4560, -53.8720



126.3400, -113.2420, -29.2260



148.0820, -39.7120, 36.8960



141.3070, 95.5430, 36.1110

Rectangle

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



133.0650, 25.4560, -53.8720



116.1770, -86.0030, -54.8270



148.0820, -39.7120, 36.8960



146.0780, 63.5360, 60.0160

Sweetspot

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



133.0650, 25.4560, -53.8720



197.9030, 9.6780, -21.2180



78.9710, 78.0330, 12.0250



98.2050, 6.1920, -13.1040



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



133.0650, 25.4560, -53.8720



169.6260, 36.0970, -76.0230



110.9390, -18.6480, -69.5600



80.3760, 1.6970, -3.2230



117.7060, 25.0890, -52.7270



14.4530, 2.7980, -6.6580

Inverse Universe

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



40.9350, -25.4560, 53.8720



39.3740, -36.0970, 76.0230



63.0610, 18.6480, 69.5600



74.6240, -1.6970, 3.2230



27.2940, -25.0890, 52.7270



3.2480, -3.3940, 6.4460

Previews

White Background



This preview shows how the YIQ color 133.0650, 25.4560, -53.8720 looks on a white 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

Black Background



This preview shows how the YIQ color 133.0650, 25.4560, -53.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

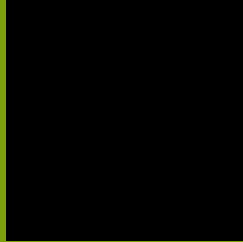
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.0650, 25.4560, -53.8720

Background



This preview shows how black text looks on a background with the YIQ color 133.0650, 25.4560, -53.8720.



This preview shows how white text looks on a background with the YIQ color 133.0650, 25.4560,

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

133.0650, 25.4560, -53.8720

Protanopia

137.2650, 57.5480, -40.7560

Deuteranopia

141.4420, 62.0840, -23.8360



Tritanopia

147.7800, -11.0040, 1.1880

Trichromacy



Original Color

133.0650, 25.4560, -53.8720

Protanomaly

135.7580, 45.6740, -45.8300

Deuteranomaly

138.4630, 48.4230, -35.0730

Tritanomaly

142.4770, 2.2500, -18.7580

Monochromacy



Original Color

133.0650, 25.4560, -53.8720

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9570, 9.5860, -19.5500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0650, 25.4560, -53.8720 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(124, 161, 13)` looks like.

```
.text, #text, p{  
    color:rgb(124, 161, 13)  
}
```

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(124, 161, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 161, 13) }
```

Border

The CSS property to change the border of an element to YIQ 133.0650, 25.4560, -53.8720 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(124, 161, 13) }
```


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

```
.border{ border-color:rgb(124, 161, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 161, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 161, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 161, 13);  
box-shadow:4px 4px 4px 4px rgb(124, 161,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0650, 25.4560, -53.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 161, 13) }
```

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

```
.background{ background-color: rgb(124,  
161, 13) }
```

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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