

Converting Colors

YIQ(183.7500, 75.6560,
-27.5120)

Have a look what the booklet for
YIQ(183.7500, 75.6560, -27.5120)
contains.

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Color

**YIQ(183.7500, 75.6560,
-27.5120)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EFB535 |
| RGB | 239, 181, 53 |
| RGB Percent | 94%, 71%, 21% |
| CMY | 0.0627, 0.2903, 0.7917 |
| CMYK | 0.00, 0.24, 0.78, 0.06 |
| HSL | 41°, 85%, 57% |
| HSV | 41°, 78%, 94% |
| XYZ | 52.7654, 51.6490, 10.5687 |
| YIQ | 183.7500, 75.6560, -27.5120 |

Conversions

Conversions Part 2

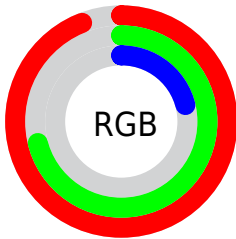
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 137, 239, 53 |
| Decimal | 15709493 |
| CIE _{Lab} | 77.07, 9.77, 68.55 |
| CIE _{LCh} | 77, 69.245, 81.889 |
| Yxy | 51.6490, 0.4589, 0.4492 |
| Android (android.graphics.Color) | 4293899573 (0xFFEFB535) |
| YUV | 183.7500, -64.4597, 48.4543 |
| Hunter-Lab | 71.8672, 5.2883, 41.5880 |

Details

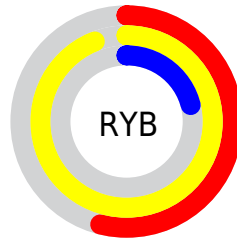
The YIQ color **183.7500, 75.6560, -27.5120** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **108.2500, -75.6560, 27.5120**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **227.7900, 51.8160, -35.9920**, and **128.9450, 70.6130, -29.7310** is the 20% darker color. If you saturate the color by 10%, you get **176.9050, 85.2850, -31.3150**, and if you desaturate by 10%, it is **190.5950, 66.0270, -23.7090**.

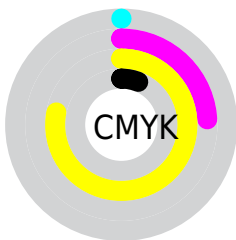
Distribution



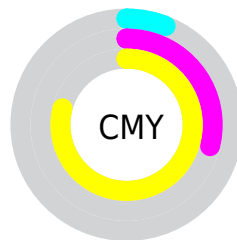
- Red (94%)
- Green (71%)
- Blue (21%)



- Red (54%)
- Yellow (94%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.7500, 75.6560, -27.5120 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 183.7500, 75.6560, -27.5120 by changing the saturation by 10% instead.

183.7500, 75.6560,
-27.5120

183.7500, 75.6560,
-27.5120

255.0000, -0.0000,
-0.0000

154.6420, 75.8400,
-30.8480

227.7900, 51.8160,
-35.9920

128.3580, 70.8880,
-29.2080

241.5480, 37.8780,
-36.6980

105.5990, 60.2040,
-22.8040

244.7400, 28.8900,
-27.9900

82.8400, 49.5200,
-16.4000

247.9320, 19.9020,
-19.2820

60.6680, 38.5610,
-10.5190

251.2380, 10.5930,
-10.2630

40.2680, 28.2440,
-5.2600

254.5440, 1.2840,

21.0530, 18.8440,

-1.2440

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 183.7500, 75.6560,
-27.5120

■ 183.7500, 75.6560,
-27.5120

■ 176.9050, 85.2850,
-31.3150

■ 190.5950, 66.0270,
-23.7090

■ 169.4730, 95.1890,
-34.5950

■ 198.0270, 56.1230,
-20.4290

■ 167.7290, 97.3440,
-35.1040

■ 204.8720, 46.4940,
-16.6260

■ 212.3040, 36.5900,
-13.3460

■ 219.1490, 26.9610,
-9.5430

■ 226.5810, 17.0570,
-6.2630

■ 233.3120, 7.7490,
-2.7710

■ 240.7440, -2.1550,
0.5090

■ 246.1070, -7.6110,
0.2690

Harmonies

Analogous

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



178.0770, 80.1900, 0.4620



183.7500, 75.6560, -27.5120



178.3480, 32.1490, -48.5150

Triad

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



183.7500, 75.6560, -27.5120



156.6310, -136.5310, -42.1870



193.9300, 25.6660, 52.4980

Complementary

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



183.7500, 75.6560, -27.5120



108.2500, -75.6560, 27.5120

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.



183.4560, -35.6740, 18.7740



183.7500, 75.6560, -27.5120



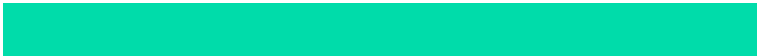
155.8620, -141.2550, -33.6630

Square

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



183.7500, 75.6560, -27.5120



148.5200, -115.0700, -62.1900



148.2310, -137.6800, -26.8640



178.3700, 47.6740, 50.1220

Rectangle

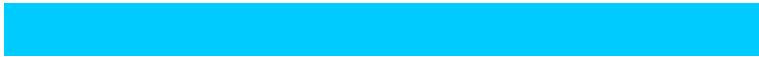
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.7500, 75.6560, -27.5120



171.9870, -9.4350, -54.8030



148.2310, -137.6800, -26.8640



192.0370, 8.8870, 42.7030

Sweetspot

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



183.7500, 75.6560, -27.5120



237.7080, 23.8890, -8.9350



115.3400, 91.9170, 57.7810



116.8520, 14.8560, -4.9200



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



183.7500, 75.6560, -27.5120



184.5440, 96.4270, -35.0050



207.6300, 39.4420, -65.0540



116.2840, 4.9520, -1.6400



128.9780, 75.0140, -26.8900



39.6370, 22.6510, -8.5250

Inverse Universe

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



108.2500, -75.6560, 27.5120



88.4560, -96.4270, 35.0050



84.3700, -39.4420, 65.0540



111.7160, -4.9520, 1.6400



54.4350, -74.7390, 27.4130



16.9500, -22.9260, 8.0020

Previews

White Background



This preview shows how the YIQ color 183.7500, 75.6560, -27.5120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 183.7500, 75.6560, -27.5120 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 ✓ Pass

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

YIQ 183.7500, 75.6560, -27.5120

Background



This preview shows how black text looks on a background with the YIQ color 183.7500, 75.6560, -27.5120.



This preview shows how white text looks on a background with the YIQ color 183.7500, 75.6560,

-27.5120.

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

183.7500, 75.6560, -27.5120

Protanopia

182.4870, 57.0430, -37.1090

Deuteranopia

183.7500, 75.6560, -27.5120



Tritanopia

193.8040, 42.3150, 20.5790

Trichromacy



Original Color

183.7500, 75.6560, -27.5120

Protanomaly

182.7160, 63.8280, -33.4200

Deuteranomaly

183.7500, 75.6560, -27.5120

Tritanomaly

189.8970, 54.5140, 3.2340

Monochromacy



Original Color

183.7500, 75.6560, -27.5120

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.9210, 27.6030, -10.1650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.7500, 75.6560, -27.5120 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(239, 181, 53)` looks like.

```
.text, #text, p{  
    color:rgb(239, 181, 53)  
}
```

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(239, 181, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 181, 53) }
```

Border

The CSS property to change the border of an element to YIQ 183.7500, 75.6560, -27.5120 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(239, 181, 53) }
```


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

```
.border{ border-color:rgb(239, 181, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 181, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 181, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 181, 53);  
box-shadow:4px 4px 4px 4px rgb(239, 181,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 183.7500, 75.6560, -27.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 181, 53) }
```

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

```
.background{ background-color: rgb(239,  
181, 53) }
```

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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