

Converting Colors

YIQ(151.4780, 72.7120, 25.8640)

Have a look what the booklet for
YIQ(151.4780, 72.7120, 25.8640)
contains.

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Color

**YIQ(151.4780, 72.7120,
25.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7373
RGB	237, 115, 115
RGB Percent	93%, 45%, 45%
CMY	0.0703, 0.5492, 0.5487
CMYK	0.00, 0.52, 0.51, 0.07
HSL	360°, 77%, 69%
HSV	360°, 52%, 93%
XYZ	44.1734, 31.5065, 19.9950
YIQ	151.4780, 72.7120, 25.8640

Conversions

Conversions Part 2

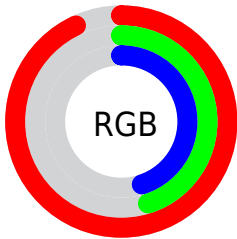
Format	Color
R _Y B	237, 115, 115
Decimal	15561587
CIE Lab	62.93, 47.07, 22.41
CIE LCh	63, 52.132, 25.461
Yxy	31.5065, 0.4617, 0.3293
Android (android.graphics.Color)	4293751667 (0xFFED7373)
YUV	151.4780, -17.9837, 75.0028
Hunter-Lab	56.1307, 42.2462, 18.1710

Details

The YIQ color **151.4780, 72.7120, 25.8640** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **200.5220, -72.7120, -25.8640**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.0730, 51.6230, 17.0870**, and **96.9550, 66.9350, 25.9350** is the 20% darker color. If you saturate the color by 10%, you get **134.6540, 87.0160, 30.9520**, and if you desaturate by 10%, it is **168.3020, 58.4080, 20.7760**.

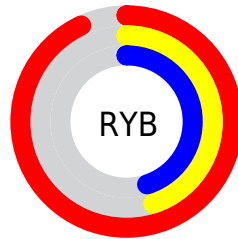
Distribution



Red (93%)

Green (45%)

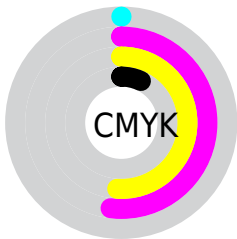
Blue (45%)



Red (93%)

Yellow (45%)

Blue (45%)

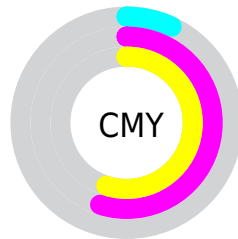


Cyan (0%)

Magenta (52%)

Yellow (51%)

Black (7%)



Cyan (7%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.4780, 72.7120, 25.8640 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 151.4780, 72.7120, 25.8640 by changing the saturation by 10% instead.


 151.4780, 72.7120,
25.8640


 151.4780, 72.7120,
25.8640


255.0000, -0.0000,
-0.0000


 123.9230, 69.9610,
26.1610


 195.0730, 51.6230,
17.0870

 96.9550, 66.9350,
25.9350


 214.5870, 35.2560,
10.8400


 69.0410, 63.8170,
27.3770

 234.2150, 18.5680,
4.9040

 38.0180, 62.6240,
32.4800

254.5440, 1.2840,
-1.2440

 26.6110, 53.0440,
18.8680

 18.6520, 36.6310,
13.4550

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 151.4780, 72.7120,
25.8640

■ 151.4780, 72.7120,
25.8640

■ 134.6540, 87.0160,
30.9520

■ 168.3020, 58.4080,
20.7760

■ 118.5310,
100.7240, 35.8280

■ 184.4250, 44.7000,
15.9000

■ 101.7070,
115.0280, 40.9160

■ 201.2490, 30.3960,
10.8120

■ 84.8830, 129.3320,
46.0040

■ 218.0730, 16.0920,
5.7240

■ 70.8630, 141.2520,
50.2440

■ 234.1960, 2.3840,
0.8480

249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



153.7650, 56.3870, 40.8910



151.4780, 72.7120, 25.8640



150.5690, 70.0570, 2.3850

Triad

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



151.4780, 72.7120, 25.8640



134.7680, -30.2070, -41.7830



121.1490, -122.0490, -7.2730

Complementary

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



151.4780, 72.7120, 25.8640



200.5220, -72.7120, -25.8640

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.



125.7820, -119.9380, -18.0020



151.4780, 72.7120, 25.8640



119.0270, -94.0280, -47.0520

Square

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



151.4780, 72.7120, 25.8640



143.3640, 18.0250, -34.8310



124.4990, -109.4360, -32.1240



153.6020, -29.8530, 28.9230

Rectangle

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



151.4780, 72.7120, 25.8640



149.0970, 59.1020, -13.8420



124.4990, -109.4360, -32.1240



123.8560, -122.7820, -10.5100

Sweetspot

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



151.4780, 72.7120, 25.8640



228.3620, 22.6480, 8.0560



164.7880, 32.3580, 63.3820



111.8770, 13.7080, 4.8760



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.



151.4780, 72.7120, 25.8640



144.2420, 94.1680, 33.4960



186.1110, 56.4870, -4.9930



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Inverse Universe

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



151.4780, 72.7120, 25.8640



144.2420, 94.1680, 33.4960



165.8890, -56.4870, 4.9930



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 151.4780, 72.7120, 25.8640 looks on a white background.

Color Contrast Check

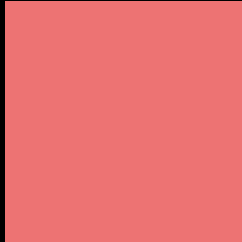
Large Text (above 18pt) WCAG AA × Fail

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 151.4780, 72.7120, 25.8640 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 151.4780, 72.7120, 25.8640

Background



This preview shows how black text looks on a background with the YIQ color 151.4780, 72.7120, 25.8640.



This preview shows how white text looks on a background with the YIQ color 151.4780, 72.7120,

25.8640.

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

151.4780, 72.7120, 25.8640

Protanopia

152.2260, 10.8670, -4.2130

Deuteranopia

152.3610, 32.4160, -3.7760



Tritanopia

151.9880, 71.3360, 28.7760

Trichromacy



Original Color

151.4780, 72.7120, 25.8640

Protanomaly

152.1690, 33.3770, 6.3450

Deuteranomaly

152.1120, 46.7190, 6.8390

Tritanomaly

151.6460, 72.2990, 27.8430

Monochromacy



Original Color

151.4780, 72.7120, 25.8640

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.1560, 26.2240, 9.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4780, 72.7120, 25.8640 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(237, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(237, 115, 115)  
}
```

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(237, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 115, 115) }
```

Border

The CSS property to change the border of an element to YIQ 151.4780, 72.7120, 25.8640 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(237, 115, 115) }
```


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

```
.border{ border-color:rgb(237, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(237, 115,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4780, 72.7120, 25.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 115, 115) }
```

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

```
.background{ background-color: rgb(237,  
115, 115) }
```

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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