

Converting Colors

YIQ(72.7500, 25.2120, 27.6760)

Have a look what the booklet for
YIQ(72.7500, 25.2120, 27.6760)
contains.

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Color

**YIQ(72.7500, 25.2120,
27.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	72305C
RGB	114, 48, 92
RGB Percent	45%, 19%, 36%
CMY	0.5528, 0.8119, 0.6391
CMYK	0.00, 0.58, 0.19, 0.55
HSL	320°, 41%, 32%
HSV	320°, 58%, 45%
XYZ	9.9339, 6.4652, 10.8534
YIQ	72.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

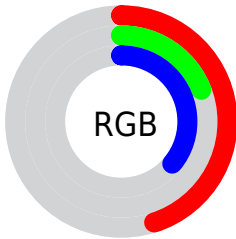
Format	Color
R_{YB}	114, 48, 92
Decimal	7483484
CIE _{Lab}	30.56, 34.84, -12.46
CIE _{LCh}	31, 37.006, 340.321
Yxy	6.4652, 0.3645, 0.2372
Android (android.graphics.Color)	4285673564 (0xFF72305C)
YUV	72.7500, 9.4902, 36.1763
Hunter-Lab	25.4268, 25.2405, -7.5092

Details

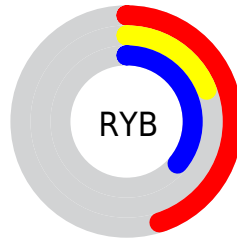
The YIQ color **72.7500, 25.2120, 27.6760** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.2500, -25.2120, -27.6760**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.3590, 27.8710, 29.0470**, and **24.0810, 22.7820, 27.6620** is the 20% darker color. If you saturate the color by 10%, you get **65.8370, 29.5210, 32.1850**, and if you desaturate by 10%, it is **79.6630, 20.9030, 23.1670**.

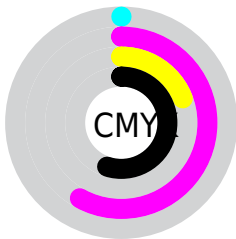
Distribution



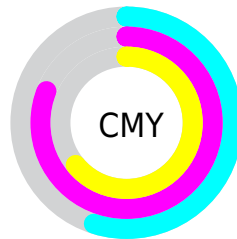
- Red (45%)
- Green (19%)
- Blue (36%)



- Red (45%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (19%)
- Black (55%)



- Cyan (55%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.7500, 25.2120, 27.6760 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 72.7500, 25.2120, 27.6760 by changing the saturation by 10% instead.

■ 72.7500, 25.2120,
27.6760

■ 72.7500, 25.2120,
27.6760

■ 255.0000, -0.0000,
-0.0000

■ 47.5650, 24.2950,
27.7750

■ 123.3590, 27.8710,
29.0470

■ 24.0810, 22.7820,
27.6620

■ 150.0710, 28.7420,
29.7820

■ 15.8210, 17.2820,
17.2020

■ 177.3700, 29.3380,
29.9940

■ 0.0000, 0.0000,
0.0000

■ 205.0820, 30.2090,
30.7290

■ 225.4220, 14.3920,
25.5280

■ 242.0860, 6.0500,

11.5060

■ 72.7500, 25.2120,
27.6760

■ 72.7500, 25.2120,
27.6760

■ 65.8370, 29.5210,
32.1850

■ 79.6630, 20.9030,
23.1670

■ 58.3370, 34.1050,
37.2170

■ 87.1630, 16.3190,
18.1350

■ 51.5380, 38.0930,
42.0370

■ 93.9620, 12.3310,
13.3150

■ 44.0380, 42.6770,
47.0690

■ 101.4620, 7.7470,
8.2830

■ 42.7500, 43.5480,
47.8040

■ 108.3750, 3.4380,
3.7740

■ 115.2880, -0.8710,
-0.7350

■ 122.7880, -5.4550,
-5.7670

■ 129.5870, -9.4430,
-10.5870

■ 137.0870,
-14.0270, -15.6190

Harmonies

Analogous

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



74.1580, -2.4800, 22.9280



72.7500, 25.2120, 27.6760



70.0860, 41.5810, 22.8690

Triad

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



72.7500, 25.2120, 27.6760



67.2590, 23.2950, -20.2010



62.3210, -58.3640, -10.5560

Complementary

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



72.7500, 25.2120, 27.6760



89.2500, -25.2120, -27.6760

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.



59.7160, -49.6510, -19.7870



72.7500, 25.2120, 27.6760



64.1510, -2.8840, -24.8360

Square

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



72.7500, 25.2120, 27.6760



69.0750, 38.9730, -6.9710



55.1220, -39.4710, -28.0710



61.3240, -62.4460, -2.6540

Rectangle

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



72.7500, 25.2120, 27.6760



69.7840, 45.0670, 14.7550



55.1220, -39.4710, -28.0710



61.2950, -55.4750, -13.3550

Sweetspot

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



72.7500, 25.2120, 27.6760



132.4130, 9.4430, 10.5870



62.1020, -8.0740, 25.1900



64.6250, 5.7300, 6.2900



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



72.7500, 25.2120, 27.6760



82.9620, 39.8350, 43.5070



68.9880, 35.8050, 17.4130



52.2500, 2.2920, 2.5160



45.0000, 45.8400, 50.3200



92.6630, 94.2470, 103.6790

Inverse Universe

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



72.7500, 25.2120, 27.6760



82.9620, 39.8350, 43.5070



93.0120, -35.8050, -17.4130



52.2500, 2.2920, 2.5160



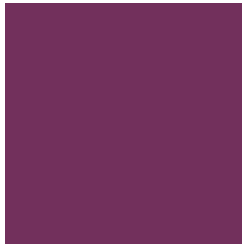
45.0000, 45.8400, 50.3200



92.6630, 94.2470, 103.6790

Previews

White Background



This preview shows how the YIQ color 72.7500, 25.2120, 27.6760 looks on a white background.

Color Contrast Check

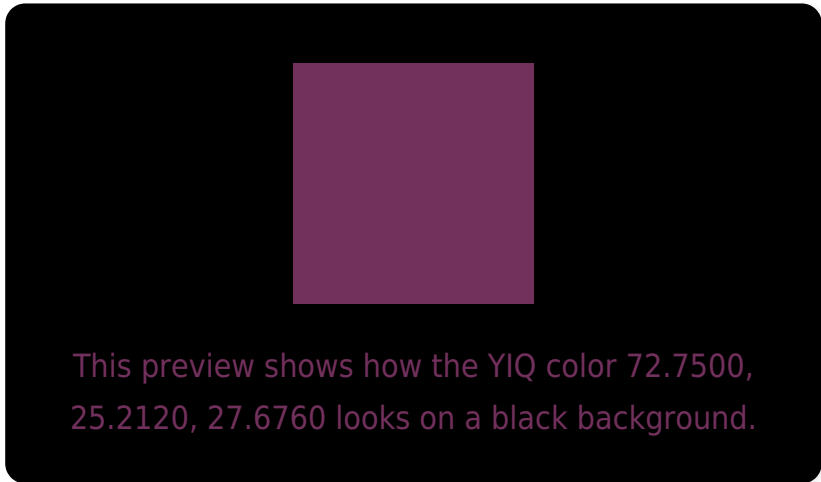
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

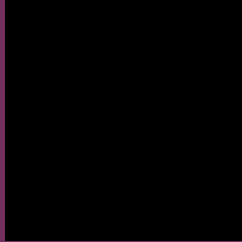
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.7500, 25.2120, 27.6760

Background



This preview shows how black text looks on a background with the YIQ color 72.7500, 25.2120, 27.6760.



This preview shows how white text looks on a background with the YIQ color 72.7500, 25.2120,

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

72.7500, 25.2120, 27.6760

Protanopia

72.4450, -19.9460, 9.0620

Deuteranopia

73.2370, -4.8610, 5.4990



Tritanopia

72.9010, 31.4960, 12.9040

Trichromacy



Original Color

72.7500, 25.2120, 27.6760

Protanomaly

72.3440, -3.3040, 15.8320

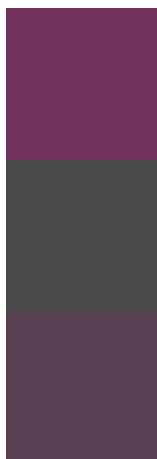
Deuteranomaly

73.1400, 5.9580, 13.1740

Tritanomaly

72.8070, 29.0650, 18.4170

Monochromacy



Original Color

72.7500, 25.2120, 27.6760

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0000, 9.1680, 10.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.7500, 25.2120, 27.6760 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(114, 48, 92)` looks like.

```
.text, #text, p{  
    color:rgb(114, 48, 92)  
}
```

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(114, 48, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 48, 92) }
```

Border

The CSS property to change the border of an element to YIQ 72.7500, 25.2120, 27.6760 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(114, 48, 92) }
```


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

```
.border{ border-color:rgb(114, 48, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 48, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 48, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 48, 92);  
box-shadow:4px 4px 4px 4px rgb(114, 48,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 72.7500, 25.2120, 27.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 48, 92) }
```

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

```
.background{ background-color: rgb(114, 48,  
92) }
```

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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