

Converting Colors

YIQ(77.2520, 10.2600, 56.3720)

Have a look what the booklet for
YIQ(77.2520, 10.2600, 56.3720)
contains.

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Color

**YIQ(77.2520, 10.2600,
56.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	7A26A2
RGB	122, 38, 162
RGB Percent	48%, 15%, 64%
CMY	0.5213, 0.8511, 0.3648
CMYK	0.25, 0.77, 0.00, 0.36
HSL	281°, 62%, 39%
HSV	281°, 77%, 64%
XYZ	15.2484, 8.1349, 34.9423
YIQ	77.2520, 10.2600, 56.3720

Conversions

Conversions Part 2

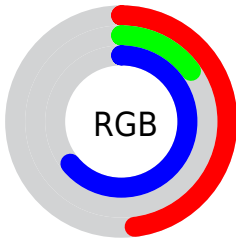
Format	Color
R _{YB}	122, 38, 162
Decimal	8005282
CIE _{Lab}	34.26, 55.04, -50.27
CIE _{LCh}	34, 74.540, 317.592
Y _{xy}	8.1349, 0.2614, 0.1395
Android (android.graphics.Color)	4286195362 (0xFF7A26A2)
YUV	77.2520, 41.7808, 39.2440
Hunter-Lab	28.5217, 45.5175, -52.6719

Details

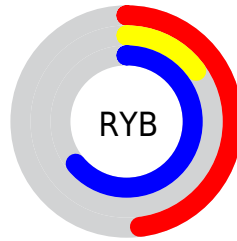
The YIQ color **77.2520, 10.2600, 56.3720** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **122.7480, -10.2600, -56.3720**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.0780, 10.8100, 57.4180**, and **32.4590, 4.9430, 48.1030** is the 20% darker color. If you saturate the color by 10%, you get **66.3650, 11.6800, 63.6800**, and if you desaturate by 10%, it is **88.1390, 8.8400, 49.0640**.

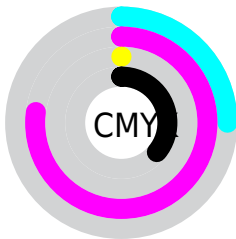
Distribution



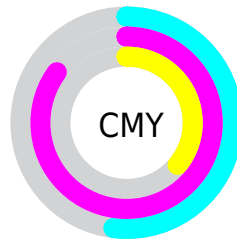
- Red (48%)
- Green (15%)
- Blue (64%)



- Red (48%)
- Yellow (15%)
- Blue (64%)



- Cyan (25%)
- Magenta (77%)
- Yellow (0%)
- Black (36%)



- Cyan (52%)
- Magenta (85%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.2520, 10.2600, 56.3720 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 77.2520, 10.2600, 56.3720 by changing the saturation by 10% instead.

■ 77.2520, 10.2600,
56.3720

■ 77.2520, 10.2600,
56.3720

■ 255.0000, -0.0000,
-0.0000

■ 43.7950, 13.2850,
62.1250

■ 132.0780, 10.8100,
57.4180

■ 32.7580, 5.5390,
48.3150

■ 159.7900, 11.6810,
58.1530

■ 21.8350, -2.5280,
34.8160

■ 185.3360, 18.6510,
52.9790

■ 9.5310, -13.8960,
20.5680

■ 207.4530, 22.2750,
42.3630

■ 5.3920, -12.4270,
10.4610

■ 223.8890, 14.5750,
27.7190

■ 2.1830, -4.7690,
3.8310

■ 240.9120, 6.6000,

■ 0.0000, 0.0000,

12.5520

0.0000

■ 77.2520, 10.2600,
56.3720

■ 77.2520, 10.2600,
56.3720

■ 66.3650, 11.6800,
63.6800

■ 88.1390, 8.8400,
49.0640

■ 55.4780, 13.1000,
70.9880

■ 99.0260, 7.4200,
41.7560

■ 51.3580, 13.5580,
73.7020

■ 110.7990, 6.3210,
34.1370

■ 121.6860, 4.9010,
26.8290

■ 132.5730, 3.4810,
19.5210

■ 143.4600, 2.0610,
12.2130

■ 154.6460, 1.2370,
5.1170

■ 166.1200, -0.4580,
-2.7140

■ 177.0070, -1.8780,
-10.0220

Harmonies

Analogous

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



67.5430, -84.0910, 20.6850



77.2520, 10.2600, 56.3720



62.8430, 66.0560, 69.4160

Triad

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



77.2520, 10.2600, 56.3720



76.0840, 51.9490, -10.8590



74.1580, -65.5150, -18.6270

Complementary

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



77.2520, 10.2600, 56.3720



122.7480, -10.2600, -56.3720

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.



65.9160, -45.0630, -36.8630



77.2520, 10.2600, 56.3720



71.3900, 15.1360, -32.0320

Square

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



77.2520, 10.2600, 56.3720



64.2650, 86.1930, 18.3290



57.5260, -26.9500, -51.2540



79.7270, -82.5740, -1.3100

Rectangle

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



77.2520, 10.2600, 56.3720



61.3870, 84.5350, 59.4070



57.5260, -26.9500, -51.2540



71.2910, -58.8200, -24.3240

Sweetspot

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



77.2520, 10.2600, 56.3720



178.4530, 3.9390, 22.2350



76.2030, -51.0790, 17.1210



86.4000, 2.2900, 13.5700



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



77.2520, 10.2600, 56.3720



78.6980, 16.0770, 88.6290



86.8180, 40.8410, 58.3210



75.8200, 0.6870, 4.0710



46.1310, 12.4590, 66.0830



5.6400, 1.3740, 8.1420

Inverse Universe

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



79.6360, 61.0640, 38.7280



82.4870, 95.9970, 60.9330



113.1820, -40.8410, -58.3210



76.0330, 4.4010, 2.8410



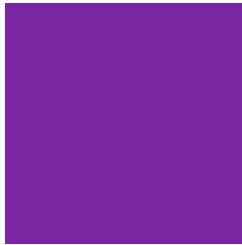
48.7130, 71.3330, 45.3570



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 77.2520, 10.2600, 56.3720 looks on a white background.

Color Contrast Check

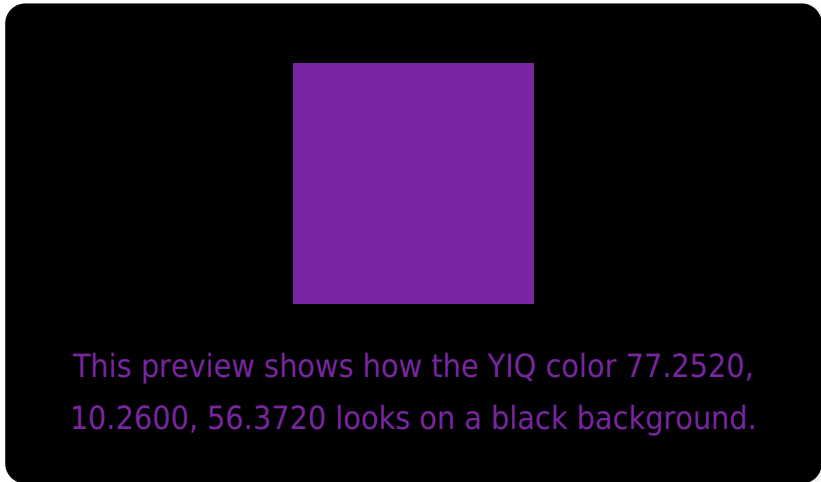
Large Text (above 18pt) WCAG AA ✓ Pass

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

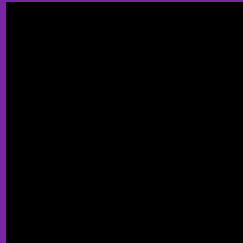
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.2520, 10.2600, 56.3720

Background



This preview shows how black text looks on a background with the YIQ color 77.2520, 10.2600, 56.3720.



This preview shows how white text looks on a background with the YIQ color 77.2520, 10.2600,

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

77.2520, 10.2600, 56.3720

Protanopia

65.2970, -75.0110, 10.3090

Deuteranopia

65.3650, -69.6910, 1.9970



Tritanopia

82.6330, 20.4470, 9.3990

Trichromacy



Original Color

77.2520, 10.2600, 56.3720



Protanomaly

69.5340, -44.3410, 27.1710



Deuteranomaly

69.8130, -40.9930, 21.5590



Tritanomaly

80.6180, 16.7760, 26.3760

Monochromacy



Original Color

77.2520, 10.2600, 56.3720



Achromatopsia

77.0000, -0.0000, -0.0000



Achromatomaly

77.1000, 3.4350, 20.3550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2520, 10.2600, 56.3720 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(122, 38, 162)` looks like.

```
.text, #text, p{  
    color:rgb(122, 38, 162)  
}
```

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(122, 38, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 38, 162) }
```

Border

The CSS property to change the border of an element to YIQ 77.2520, 10.2600, 56.3720 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(122, 38, 162) }
```


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

```
.border{ border-color:rgb(122, 38, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 38, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 38, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 38, 162);  
box-shadow:4px 4px 4px 4px rgb(122, 38,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 77.2520, 10.2600, 56.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 38, 162) }
```

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

```
.background{ background-color: rgb(122, 38,  
162) }
```

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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