

Converting Colors

YIQ(70.3470, 55.6490, 65.2890)

Have a look what the booklet for
YIQ(70.3470, 55.6490, 65.2890)
contains.

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Color

**YIQ(70.3470, 55.6490,
65.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	A40D78
RGB	164, 13, 120
RGB Percent	64%, 5%, 47%
CMY	0.3564, 0.9492, 0.5293
CMYK	0.00, 0.92, 0.27, 0.36
HSL	317°, 85%, 35%
HSV	317°, 92%, 64%
XYZ	18.8677, 9.5472, 18.6289
YIQ	70.3470, 55.6490, 65.2890

Conversions

Conversions Part 2

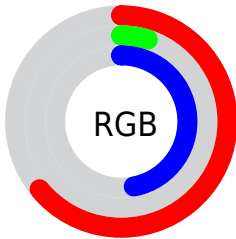
Format	Color
RYB	164, 13, 120
Decimal	10751352
CIELab	37.02, 63.15, -19.62
CIELCh	37, 66.129, 342.740
Yxy	9.5472, 0.4011, 0.2029
Android (android.graphics.Color)	4288941432 (0xFFA40D78)
YUV	70.3470, 24.4789, 82.1337
Hunter-Lab	30.8986, 54.9254, -14.1171

Details

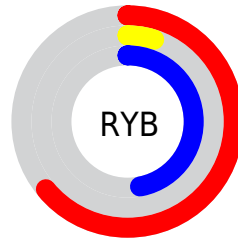
The YIQ color **70.3470, 55.6490, 65.2890** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **106.6530, -55.6490, -65.2890**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5930, 54.5960, 56.8360**, and **40.0870, 40.9810, 44.7650** is the 20% darker color. If you saturate the color by 10%, you get **62.2600, 60.5080, 70.8440**, and if you desaturate by 10%, it is **80.3090, 49.6440, 58.4760**.

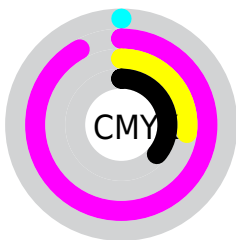
Distribution



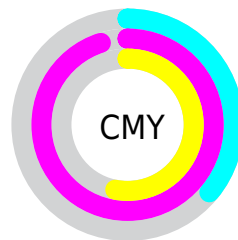
- Red (64%)
- Green (5%)
- Blue (47%)



- Red (64%)
- Yellow (5%)
- Blue (47%)



- Cyan (0%)
- Magenta (92%)
- Yellow (27%)
- Black (36%)





- Cyan (36%)
- Magenta (95%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 70.3470, 55.6490, 65.2890 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 70.3470, 55.6490, 65.2890 by changing the saturation by 10% instead.


 70.3470, 55.6490,
65.2890


 70.3470, 55.6490,
65.2890


255.0000, -0.0000,
-0.0000


 51.1950, 49.9650,
58.1650


 135.7070, 54.2750,
57.1470


 40.0870, 40.9810,
44.7650


 164.1910, 55.7880,
57.2600


 29.5060, 31.9510,
32.1990

 184.4170, 40.2920,
51.7480

 19.3380, 23.1960,
20.1560

 204.5180, 23.6500,
44.9780

 5.0830, 10.1320,
3.6040

 221.5410, 15.6750,
29.8110

 0.0000, 0.0000,
0.0000

 238.5640, 7.7000,

14.6440

■ 70.3470, 55.6490,
65.2890

■ 70.3470, 55.6490,
65.2890

■ 62.2600, 60.5080,
70.8440

■ 80.3090, 49.6440,
58.4760

■ 90.8580, 43.3640,
51.1400

■ 100.7060, 37.6800,
44.0160

■ 111.2550, 31.4000,
36.6800

■ 121.2170, 25.3950,
29.8670

■ 131.1790, 19.3900,
23.0540

■ 141.7280, 13.1100,
15.7180

■ 151.5760, 7.4260,
8.5940

■ 162.1250, 1.1460,
1.2580

Harmonies

Analogous

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



87.9420, -0.9710, 45.1490



70.3470, 55.6490, 65.2890



60.5610, 83.9850, 58.3610

Triad

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



70.3470, 55.6490, 65.2890



80.0170, 26.5520, -29.6720



81.5220, -80.7390, -7.0350

Complementary

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



70.3470, 55.6490, 65.2890



106.6530, -55.6490, -65.2890

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.



76.4090, -64.9640, -23.1080



70.3470, 55.6490, 65.2890



60.4720, -26.8580, -52.9220

Square

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



70.3470, 55.6490, 65.2890



82.3190, 58.5970, -10.1950



68.8510, -46.4380, -39.4780



81.5340, -89.0400, 5.7440

Rectangle

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



70.3470, 55.6490, 65.2890



70.7400, 83.8980, 32.3940



68.8510, -46.4380, -39.4780



80.3990, -76.1990, -12.2230

Sweetspot

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



70.3470, 55.6490, 65.2890



176.8420, 21.9570, 26.0930



43.0710, -22.8430, 56.0770



84.6140, 13.4310, 15.4070



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.



70.3470, 55.6490, 65.2890



81.3140, 78.7520, 92.6400



61.9110, 79.4030, 42.2750



76.3750, 3.4380, 3.7740



55.0970, 53.3570, 62.7730



6.8640, 6.5550, 7.8590

Inverse Universe

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



70.3470, 55.6490, 65.2890



81.3140, 78.7520, 92.6400



115.0890, -79.4030, -42.2750



76.3750, 3.4380, 3.7740



55.0970, 53.3570, 62.7730



6.8640, 6.5550, 7.8590

Previews

White Background



This preview shows how the YIQ color 70.3470, 55.6490, 65.2890 looks on a white background.

Color Contrast Check

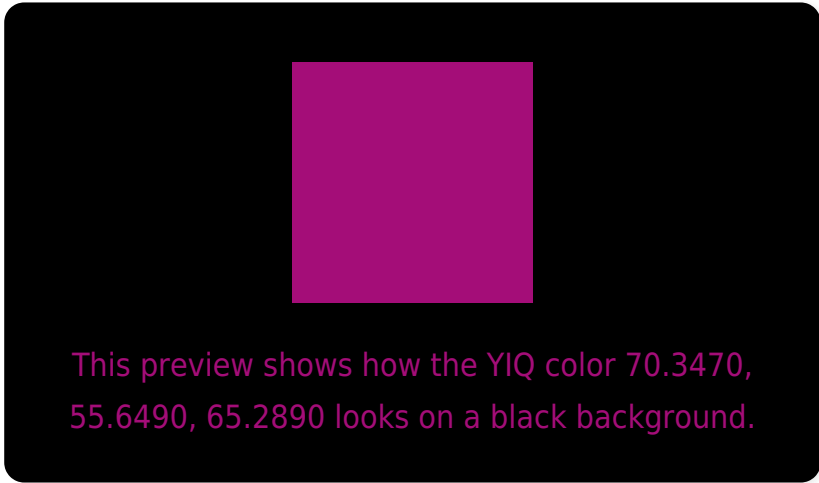
Large Text (above 18pt) WCAG AA ✓ Pass

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

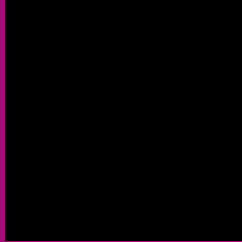
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.3470, 55.6490, 65.2890

Background



This preview shows how black text looks on a background with the YIQ color 70.3470, 55.6490, 65.2890.



This preview shows how white text looks on a background with the YIQ color 70.3470, 55.6490,

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

70.3470, 55.6490, 65.2890

Protanopia

82.7190, -52.5920, 17.0080

Deuteranopia

89.5510, -8.6210, 7.5630



Tritanopia

81.5310, 65.1930, 24.4650

Trichromacy



Original Color

70.3470, 55.6490, 65.2890

Protanomaly

77.9740, -13.1650, 34.8590

Deuteranomaly

82.4160, 14.5290, 28.5530

Tritanomaly

77.3480, 61.9350, 39.4630

Monochromacy



Original Color

70.3470, 55.6490, 65.2890

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8910, 20.2610, 23.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.3470, 55.6490, 65.2890 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(164, 13, 120)` looks like.

```
.text, #text, p{  
    color:rgb(164, 13, 120)  
}
```

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(164, 13, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 13, 120) }
```

Border

The CSS property to change the border of an element to YIQ 70.3470, 55.6490, 65.2890 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(164, 13, 120) }
```


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

```
.border{ border-color:rgb(164, 13, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 13, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 13, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 13, 120); box-shadow:4px 4px 4px 4px rgb(164, 13, 120) }
```

Background

The CSS property to change the background color of an element to YIQ 70.3470, 55.6490, 65.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 13, 120) }
```

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

```
.background{ background-color: rgb(164, 13,  
120) }
```

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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