

Converting Colors

YIQ(61.4700, 5.2690, 20.1570)

Have a look what the booklet for
YIQ(61.4700, 5.2690, 20.1570)
contains.

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Color

**YIQ(61.4700, 5.2690,
20.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2F5A
RGB	79, 47, 90
RGB Percent	31%, 18%, 35%
CMY	0.6901, 0.8157, 0.6471
CMYK	0.12, 0.48, 0.00, 0.65
HSL	285°, 31%, 27%
HSV	285°, 48%, 35%
XYZ	6.0879, 4.4335, 10.2070
YIQ	61.4700, 5.2690, 20.1570

Conversions

Conversions Part 2

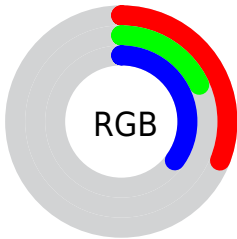
Format	Color
R_{YB}	79, 47, 90
Decimal	5189466
CIE _{Lab}	25.06, 23.09, -20.07
CIE _{LCh}	25, 30.592, 319.005
Yxy	4.4335, 0.2937, 0.2139
Android (android.graphics.Color)	4283379546 (0xFF4F2F5A)
YUV	61.4700, 14.0653, 15.3738
Hunter-Lab	21.0558, 14.7625, -14.0023

Details

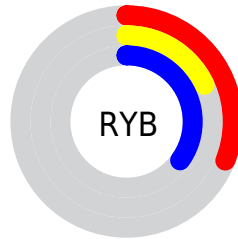
The YIQ color **61.4700, 5.2690, 20.1570** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.5300, -5.2690, -20.1570**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **109.7090, 6.0940, 21.7260**, and **16.0570, 4.9940, 19.6340** is the 20% darker color. If you saturate the color by 10%, you get **55.5890, 6.5520, 24.4400**, and if you desaturate by 10%, it is **67.3510, 3.9860, 15.8740**.

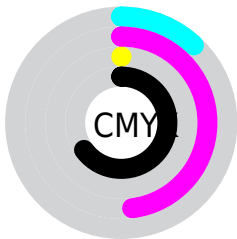
Distribution



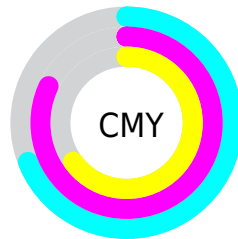
- Red (31%)
- Green (18%)
- Blue (35%)



- Red (31%)
- Yellow (18%)
- Blue (35%)



- Cyan (12%)
- Magenta (48%)
- Yellow (0%)
- Black (65%)



- Cyan (69%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.4700, 5.2690, 20.1570 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 61.4700, 5.2690, 20.1570 by changing the saturation by 10% instead.

61.4700, 5.2690,
20.1570

61.4700, 5.2690,
20.1570

255.0000, -0.0000,
-0.0000

38.6440, 4.7190,
19.1110

109.7090, 6.0940,
21.7260

16.3560, 5.5900,
19.8460

135.5350, 6.6440,
22.7720

2.6220, -7.3830,
7.1530

161.9480, 6.9190,
23.2950

0.0000, 0.0000,
0.0000

188.7740, 7.4690,
24.3410

216.8880, 7.1480,
24.6520

238.5640, 7.7000,

14.6440

■ 61.4700, 5.2690,
20.1570

■ 61.4700, 5.2690,
20.1570

■ 55.5890, 6.5520,
24.4400

■ 67.3510, 3.9860,
15.8740

■ 49.4090, 7.2390,
28.5110

■ 73.5310, 3.2990,
11.8030

■ 43.5280, 8.5220,
32.7940

■ 79.4120, 2.0160,
7.5200

■ 37.6470, 9.8050,
37.0770

■ 85.2930, 0.7330,
3.2370

■ 31.7660, 11.0880,
41.3600

■ 91.4730, 0.0460,
-0.8340

■ 30.2930, 11.0420,
42.1940

■ 97.3540, -1.2370,
-5.1170

■ 103.2350, -2.5200,
-9.4000

■ 109.1160, -3.8030,
-13.6830

■ 115.2960, -4.4900,
-17.7540

Harmonies

Analogous

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



58.3570, -22.5140, 11.5500



61.4700, 5.2690, 20.1570



59.7620, 24.9380, 21.6260

Triad

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



61.4700, 5.2690, 20.1570



57.1600, 28.4280, -8.5960



50.1130, -43.2790, -14.1190

Complementary

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



61.4700, 5.2690, 20.1570



75.5300, -5.2690, -20.1570

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.



46.7900, -35.3000, -21.0600



61.4700, 5.2690, 20.1570



55.5770, 13.7120, -17.2320

Square

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



61.4700, 5.2690, 20.1570



57.9580, 35.3490, 3.6450



51.9640, -9.4870, -20.8070



51.2190, -49.1490, -6.8530

Rectangle

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



61.4700, 5.2690, 20.1570



58.5470, 32.7330, 18.0210



51.9640, -9.4870, -20.8070



49.2010, -40.7110, -16.6070

Sweetspot

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



61.4700, 5.2690, 20.1570



106.4120, 2.0160, 7.5200



58.3590, -16.8280, 7.6200



52.2330, 0.9620, 4.5940



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



61.4700, 5.2690, 20.1570



72.5880, 8.2930, 31.4370



63.6190, 15.0350, 19.3790



42.7660, 0.7790, 2.4030



37.0580, 13.5620, 51.5940



79.9410, 29.4150, 111.2310

Inverse Universe

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



61.1110, 22.0970, 12.5370



71.9710, 34.4750, 19.4910



73.3810, -15.0350, -19.3790



42.6090, 2.6590, 1.3710



36.0820, 56.5720, 32.0280



77.7030, 121.9920, 68.9040

Previews

White Background



This preview shows how the YIQ color 61.4700, 5.2690, 20.1570 looks on a white background.

Color Contrast Check

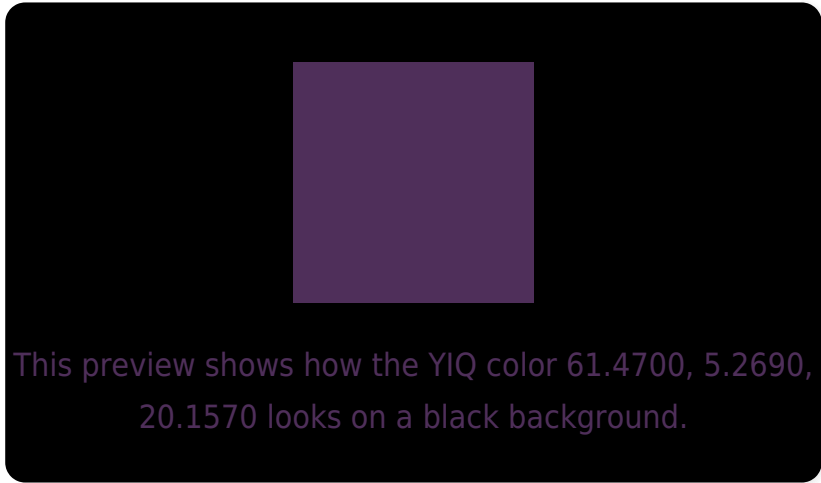
Large Text (above 18pt) WCAG AA ✓ Pass

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

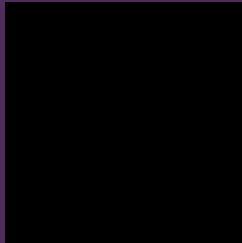
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.4700, 5.2690, 20.1570

Background



This preview shows how black text looks on a background with the YIQ color 61.4700, 5.2690, 20.1570.



This preview shows how white text looks on a background with the YIQ color 61.4700, 5.2690,

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

61.4700, 5.2690, 20.1570

Protanopia

58.8900, -22.6970, 9.3590

Deuteranopia

59.0170, -15.8650, 6.6870



Tritanopia

60.5500, 10.3150, 5.7950

Trichromacy



Original Color

61.4700, 5.2690, 20.1570

Protanomaly

59.9730, -12.5650, 12.9630

Deuteranomaly

60.0720, -8.5300, 11.4220

Tritanomaly

60.6410, 8.8010, 11.2090

Monochromacy



Original Color

61.4700, 5.2690, 20.1570

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.4120, 2.0160, 7.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.4700, 5.2690, 20.1570 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(79, 47, 90)` looks like.

```
.text, #text, p{  
    color:rgb(79, 47, 90)  
}
```

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(79, 47, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 47, 90) }
```

Border

The CSS property to change the border of an element to YIQ 61.4700, 5.2690, 20.1570 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(79, 47, 90) }
```


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

```
.border{ border-color:rgb(79, 47, 90) }
```

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

Here you see how a box with a 4 pixel rgb(79, 47, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 47, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 47, 90);  
box-shadow:4px 4px 4px 4px rgb(79, 47, 90)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.4700, 5.2690, 20.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 47, 90) }
```

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

```
.background{ background-color: rgb(79, 47,  
90) }
```

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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