

Converting Colors

YIQ(55.7880, -20.3680, 60.7840)

Have a look what the booklet for
YIQ(55.7880, -20.3680, 60.7840)
contains.

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Color

**YIQ(55.7880, -20.3680,
60.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	4A16B6
RGB	74, 22, 182
RGB Percent	29%, 9%, 71%
CMY	0.7096, 0.9138, 0.2865
CMYK	0.59, 0.88, 0.00, 0.29
HSL	260°, 78%, 40%
HSV	260°, 88%, 71%
XYZ	11.5530, 5.4063, 44.6623
YIQ	55.7880, -20.3680, 60.7840

Conversions

Conversions Part 2

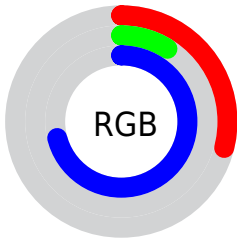
Format	Color
R _Y B	74, 22, 182
Decimal	4855478
CIE Lab	27.86, 58.62, -72.98
CIE LCh	28, 93.603, 308.772
Yxy	5.4063, 0.1875, 0.0877
Android (android.graphics.Color)	4283045558 (0xFF4A16B6)
YUV	55.7880, 62.2225, 15.9719
Hunter-Lab	23.2516, 48.0013, -97.6100

Details

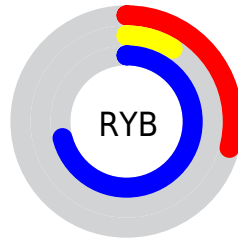
The YIQ color **55.7880, -20.3680, 60.7840** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **148.2120, 20.3680, -60.7840**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8100, -17.4340, 62.6780**, and **14.4780, -40.7670, 39.4970** is the 20% darker color. If you saturate the color by 10%, you get **41.6340, -22.5700, 67.6540**, and if you desaturate by 10%, it is **69.9420, -18.1660, 53.9140**.

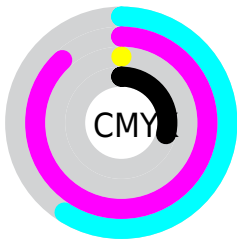
Distribution



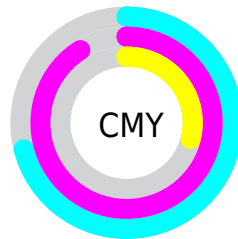
- Red (29%)
- Green (9%)
- Blue (71%)



- Red (29%)
- Yellow (9%)
- Blue (71%)



- Cyan (59%)
- Magenta (88%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.7880, -20.3680, 60.7840 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 55.7880, -20.3680, 60.7840 by changing the saturation by 10% instead.

■ 55.7880, -20.3680,
60.7840

■ 55.7880, -20.3680,
60.7840

■ 255.0000, -0.0000,
-0.0000

■ 28.6190, -27.3820,
55.7380

■ 112.8100,
-17.4340, 62.6780

■ 14.4780, -40.7670,
39.4970

■ 138.8660,
-11.8400, 60.4160

■ 11.6280, -32.7420,
31.7220

■ 163.0980, -1.1100,
53.1780

■ 11.0120, -25.4960,
21.5440

■ 187.9170, 9.3450,
45.4170

■ 8.8630, -18.0670,
13.5570

■ 213.3230, 19.5250,
37.1330


■ 4.5940, -10.1800,
8.2840

■ 230.3460, 11.5500,


■ 0.1140, -0.3210,


21.9660


0.3110


 247.3690, 3.5750,
6.7990


 0.0000, 0.0000,
0.0000


 55.7880, -20.3680,
60.7840


 55.7880, -20.3680,
60.7840


 41.6340, -22.5700,
67.6540

 69.9420, -18.1660,
53.9140

 38.3890, -23.2580,
69.1100

 84.3950, -15.3680,
47.2560

 99.1360, -13.4410,
39.8630

 113.2900,
-11.2390, 32.9930

 127.4440, -9.0370,
26.1230

■ 141.8970, -6.2390,
19.4650

■ 156.0510, -4.0370,
12.5950

■ 170.7920, -2.1100,
5.2020

■ 184.9460, 0.0920,
-1.6680

Harmonies

Analogous

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



67.3610, -89.0900, 28.6860



55.7880, -20.3680, 60.7840



61.2210, 56.2440, 71.0280

Triad

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



55.7880, -20.3680, 60.7840



58.4850, 61.6660, 5.7780



62.0470, -52.0810, -19.8010

Complementary

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



55.7880, -20.3680, 60.7840



148.2120, 20.3680, -60.7840

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.



50.4820, -23.6500, -44.9780



55.7880, -20.3680, 60.7840



59.6280, 17.7020, -23.4660

Square

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



55.7880, -20.3680, 60.7840



48.4380, 96.5520, 34.3440



48.1340, -22.5500, -42.8860



71.3150, -75.4220, 1.2340

Rectangle

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



55.7880, -20.3680, 60.7840



61.2450, 82.0590, 60.2270



48.1340, -22.5500, -42.8860



58.6100, -43.7810, -27.0530

Sweetspot

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



55.7880, -20.3680, 60.7840



188.3470, -7.3860, 23.7340



104.2230, -81.3350, -7.2470



90.8060, -4.7250, 14.0510



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



55.7880, -20.3680, 60.7840



50.0410, -30.1850, 90.0310



79.4090, 26.7160, 77.5320



84.9230, -1.1010, 3.4350



33.0330, -19.6800, 59.3280



5.8830, -3.6240, 10.6160

Inverse Universe

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



82.1520, 60.6920, 67.5080



89.1030, 89.8920, 100.0040



124.5910, -26.7160, -77.5320



86.3750, 3.4380, 3.7740



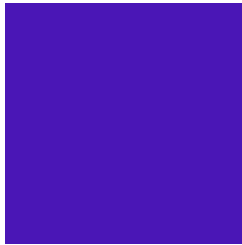
58.6140, 59.2710, 65.7270



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 55.7880, -20.3680, 60.7840 looks on a white background.

Color Contrast Check

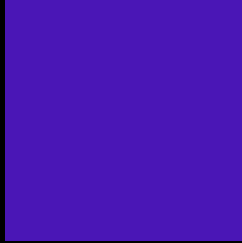
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 55.7880, -20.3680, 60.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

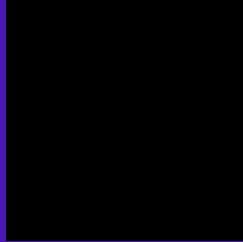
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.7880, -20.3680, 60.7840

Background



This preview shows how black text looks on a background with the YIQ color 55.7880, -20.3680, 60.7840.



This preview shows how white text looks on a background with the YIQ color 55.7880, -20.3680,

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

55.7880, -20.3680, 60.7840

Protanopia

52.9580, -60.9350, 8.5130

Deuteranopia

53.6130, -55.8900, -0.3220



Tritanopia

59.9300, -29.3420, -7.8860

Trichromacy



Original Color

55.7880, -20.3680, 60.7840

Protanomaly

54.1640, -46.1750, 27.3690

Deuteranomaly

54.4430, -42.8270, 21.7570

Tritanomaly

58.0780, -25.8620, 17.1620

Monochromacy



Original Color

55.7880, -20.3680, 60.7840

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.2930, -7.2940, 22.0660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.7880, -20.3680, 60.7840 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(74, 22, 182)` looks like.

```
.text, #text, p{  
    color:rgb(74, 22, 182)  
}
```

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(74, 22, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 22, 182) }
```

Border

The CSS property to change the border of an element to YIQ 55.7880, -20.3680, 60.7840 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(74, 22, 182) }
```


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

```
.border{ border-color:rgb(74, 22, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 22, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 22, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 22, 182);  
box-shadow:4px 4px 4px 4px rgb(74, 22,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 55.7880, -20.3680, 60.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 22, 182) }
```

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

```
.background{ background-color: rgb(74, 22,  
182) }
```

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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