

Converting Colors

YIQ(119.6620, 66.2020, 22.6980)

Have a look what the booklet for
YIQ(119.6620, 66.2020, 22.6980)
contains.

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Color

**YIQ(119.6620, 66.2020,
22.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	C55755
RGB	197, 87, 85
RGB Percent	77%, 34%, 33%
CMY	0.2272, 0.6590, 0.6664
CMYK	0.00, 0.56, 0.57, 0.23
HSL	1°, 49%, 55%
HSV	1°, 57%, 77%
XYZ	28.0902, 19.3451, 10.8618
YIQ	119.6620, 66.2020, 22.6980

Conversions

Conversions Part 2

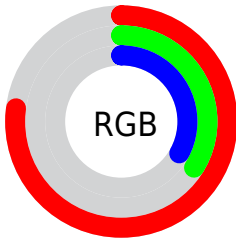
Format	Color
RYB	197, 87, 85
Decimal	12932949
CIELab	51.09, 43.87, 22.91
CIELCh	51, 49.497, 27.576
Yxy	19.3451, 0.4818, 0.3318
Android (android.graphics.Color)	4291123029 (0xFFC55755)
YUV	119.6620, -17.0884, 67.8254
Hunter-Lab	43.9831, 37.0301, 16.1462

Details

The YIQ color **119.6620, 66.2020, 22.6980** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **162.3380, -66.2020, -22.6980**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.8150, 70.1450, 22.8250**, and **65.7800, 60.0580, 23.9140** is the 20% darker color. If you saturate the color by 10%, you get **106.2290, 77.8470, 26.4150**, and if you desaturate by 10%, it is **133.0950, 54.5570, 18.9810**.

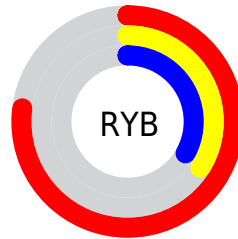
Distribution



Red (77%)

Green (34%)

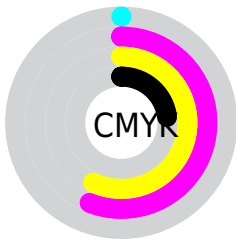
Blue (33%)



Red (77%)

Yellow (34%)

Blue (33%)

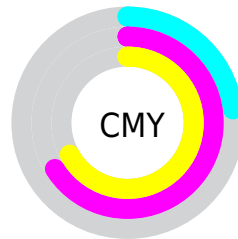


Cyan (0%)

Magenta (56%)

Yellow (57%)

Black (23%)



Cyan (23%)


Magenta (66%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.6620, 66.2020, 22.6980 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 119.6620, 66.2020, 22.6980 by changing the saturation by 10% instead.


 119.6620, 66.2020,
22.6980


 119.6620, 66.2020,
22.6980


255.0000, -0.0000,
-0.0000


 92.8080, 62.8550,
22.7830


 173.8150, 70.1450,
22.8250


 65.7800, 60.0580,
23.9140


 192.6280, 54.3740,
16.7900

 34.8710, 58.5440,
29.3280


 212.1420, 38.0070,
10.5430

 24.2190, 48.2760,
17.1720

 232.3570, 21.0440,
4.0840

 16.5590, 32.4590,
11.9710

 252.5720, 4.0810,
-2.3750

 4.1860, 8.3440,
2.9680

 0.0000, 0.0000,

0.0000

■ 119.6620, 66.2020,
22.6980

■ 119.6620, 66.2020,
22.6980

■ 106.2290, 77.8470,
26.4150

■ 133.0950, 54.5570,
18.9810

■ 92.3230, 89.4460,
30.9660

■ 147.0010, 42.9580,
14.4300

■ 78.8900, 101.0910,
34.6830

■ 160.4340, 31.3130,
10.7130

■ 64.8700, 113.0110,
38.9230

■ 173.8670, 19.6680,
6.9960

■ 60.6640, 116.5870,
40.1950

■ 187.8870, 7.7480,
2.7560

■ 201.2060, -3.5760,
-1.2720

■ 215.2260,
-15.4960, -5.5120

■ 228.6590,
-27.1410, -9.2290

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



121.5040, 52.6280, 37.4280



119.6620, 66.2020, 22.6980



119.0950, 62.5840, 0.1520

Triad

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



119.6620, 66.2020, 22.6980



103.1960, -34.2880, -39.4080



98.0330, -101.0510, -2.3550

Complementary

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



119.6620, 66.2020, 22.6980



162.3380, -66.2020, -22.6980

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.



102.3070, -99.3070, -11.9390



119.6620, 66.2020, 22.6980



96.6920, -76.6070, -37.8790

Square

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



119.6620, 66.2020, 22.6980



112.9660, 13.3940, -33.5020



101.5940, -90.4100, -24.5060



122.8860, -24.9010, 27.2830

Rectangle

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



119.6620, 66.2020, 22.6980



117.7480, 52.7750, -14.8170



101.5940, -90.4100, -24.5060



100.1530, -101.5090, -5.0690

Sweetspot

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



119.6620, 66.2020, 22.6980



224.8570, 25.6280, 9.1160



131.0280, 31.4420, 57.9540



109.7740, 15.4960, 5.5120



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



119.6620, 66.2020, 22.6980



135.4880, 102.2830, 35.1070



152.5340, 50.8020, -6.5900



92.6910, 5.3640, 1.9080



50.4980, 96.3230, 32.9870



11.3510, 21.1810, 7.1090

Inverse Universe

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



162.3380, -66.2020, -22.6980



201.5120, -102.2830, -35.1070



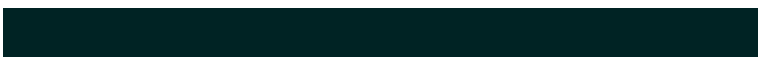
129.4660, -50.8020, 6.5900



96.3090, -5.3640, -1.9080



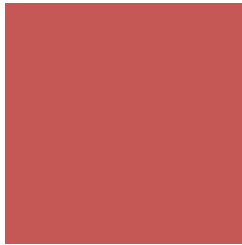
112.5020, -96.3230, -32.9870



24.6490, -21.1810, -7.1090

Previews

White Background



This preview shows how the YIQ color 119.6620, 66.2020, 22.6980 looks on a white background.

Color Contrast Check

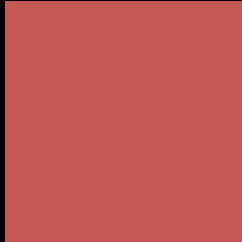
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 119.6620, 66.2020, 22.6980 looks on a black 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 × Fail

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

YIQ 119.6620, 66.2020, 22.6980

Background



This preview shows how black text looks on a background with the YIQ color 119.6620, 66.2020, 22.6980.



This preview shows how white text looks on a background with the YIQ color 119.6620, 66.2020,

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

119.6620, 66.2020, 22.6980

Protanopia

121.6990, 10.9130, -5.0470

Deuteranopia

121.7520, 29.7570, -5.1470



Tritanopia

119.8730, 64.2300, 25.3980

Trichromacy



Original Color

119.6620, 66.2020, 22.6980

Protanomaly

120.8590, 31.3140, 5.1860

Deuteranomaly

120.9050, 42.8680, 5.0440

Tritanomaly

119.5310, 65.1930, 24.4650

Monochromacy



Original Color

119.6620, 66.2020, 22.6980

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8460, 24.1610, 8.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6620, 66.2020, 22.6980 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(197, 87, 85)` looks like.

```
.text, #text, p{  
    color:rgb(197, 87, 85)  
}
```

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(197, 87, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 87, 85) }
```

Border

The CSS property to change the border of an element to YIQ 119.6620, 66.2020, 22.6980 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(197, 87, 85) }
```


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

```
.border{ border-color:rgb(197, 87, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 87, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 87, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 87, 85);  
box-shadow:4px 4px 4px 4px rgb(197, 87,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6620, 66.2020, 22.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 87, 85) }
```

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

```
.background{ background-color: rgb(197, 87,  
85) }
```

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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