

Converting Colors

YIQ(120.8900, 65.5600, 23.3200)

Have a look what the booklet for
YIQ(120.8900, 65.5600, 23.3200)
contains.

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Color

**YIQ(120.8900, 65.5600,
23.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	C65858
RGB	198, 88, 88
RGB Percent	78%, 35%, 35%
CMY	0.2233, 0.6551, 0.6546
CMYK	0.00, 0.56, 0.56, 0.22
HSL	360°, 49%, 56%
HSV	360°, 56%, 78%
XYZ	28.5564, 19.6924, 11.5429
YIQ	120.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

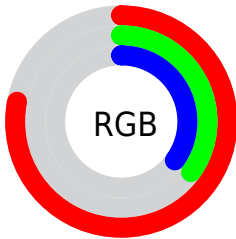
Format	Color
R_{YB}	198, 88, 88
Decimal	12998744
CIE _{Lab}	51.49, 43.99, 21.70
CIE _{LCh}	51, 49.049, 26.260
Yxy	19.6924, 0.4776, 0.3293
Android (android.graphics.Color)	4291188824 (0xFFC65858)
YUV	120.8900, -16.2148, 67.6255
Hunter-Lab	44.3761, 37.2083, 15.6411

Details

The YIQ color **120.8900, 65.5600, 23.3200** 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 **165.1100, -65.5600, -23.3200**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7440, 68.9070, 23.2350**, and **67.0080, 59.4160, 24.5360** is the 20% darker color. If you saturate the color by 10%, you get **106.8700, 77.4800, 27.5600**, and if you desaturate by 10%, it is **134.9100, 53.6400, 19.0800**.

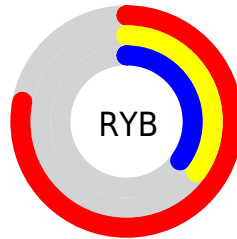
Distribution



Red (78%)

Green (35%)

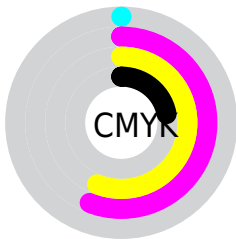
Blue (35%)



Red (78%)

Yellow (35%)

Blue (35%)

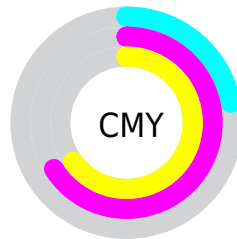


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (66%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.8900, 65.5600, 23.3200 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 120.8900, 65.5600, 23.3200 by changing the saturation by 10% instead.


 120.8900, 65.5600,
23.3200


 120.8900, 65.5600,
23.3200


255.0000, -0.0000,
-0.0000


 94.0360, 62.2130,
23.4050


 174.7440, 68.9070,
23.2350


 67.0080, 59.4160,
24.5360


 194.1440, 52.8610,
16.6770


 35.3980, 58.4980,
30.1620


 213.6580, 36.4940,
10.4300

 24.5180, 48.8720,
17.3840

 233.2860, 19.8060,
4.4940

 16.8580, 33.0550,
12.1830

 253.6150, 2.5220,
-1.6540

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 120.8900, 65.5600,
23.3200

■ 120.8900, 65.5600,
23.3200

■ 106.8700, 77.4800,
27.5600

■ 134.9100, 53.6400,
19.0800

■ 92.8500, 89.4000,
31.8000

■ 148.9300, 41.7200,
14.8400

■ 79.5310, 100.7240,
35.8280

■ 162.2490, 30.3960,
10.8120

■ 65.5110, 112.6440,
40.0680

■ 176.2690, 18.4760,
6.5720

■ 59.2020, 118.0080,
41.9760

■ 190.2890, 6.5560,
2.3320

■ 204.3090, -5.3640,
-1.9080

■ 218.3290,
-17.2840, -6.1480

■ 231.6480,
-28.6080, -10.1760

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



123.0200, 51.1150, 37.3150



120.8900, 65.5600, 23.3200



120.6220, 62.5380, 0.9860

Triad

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



120.8900, 65.5600, 23.3200



105.5770, -30.9870, -38.6590



99.2070, -101.6010, -3.4010

Complementary

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



120.8900, 65.5600, 23.3200



165.1100, -65.5600, -23.3200

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.



103.4810, -99.8570, -12.9850



120.8900, 65.5600, 23.3200



97.1650, -76.5610, -38.7130

Square

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



120.8900, 65.5600, 23.3200



114.1620, 15.7780, -32.6540



102.0670, -90.3640, -25.3400



123.8750, -26.3680, 26.3360

Rectangle

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



120.8900, 65.5600, 23.3200



119.2750, 52.7290, -13.9830



102.0670, -90.3640, -25.3400



101.3270, -102.0590, -6.1150

Sweetspot

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



120.8900, 65.5600, 23.3200



224.8570, 25.6280, 9.1160



132.8320, 29.0580, 57.1060



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.



120.8900, 65.5600, 23.3200



135.1290, 101.9160, 36.2520



152.0010, 50.9850, -4.3990



92.6910, 5.3640, 1.9080



48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Inverse Universe

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



120.8900, 65.5600, 23.3200



135.1290, 101.9160, 36.2520



133.9990, -50.9850, 4.3990



92.6910, 5.3640, 1.9080



48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 120.8900, 65.5600, 23.3200 looks on a white background.

Color Contrast Check

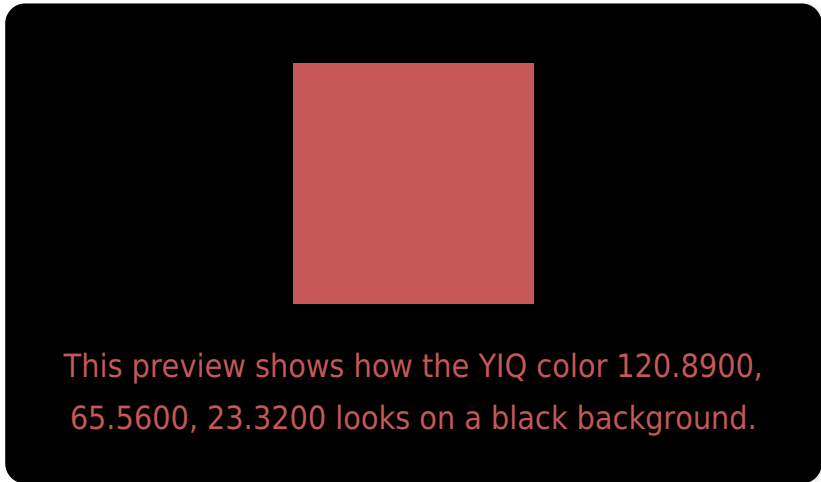
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 120.8900, 65.5600, 23.3200

Background



This preview shows how black text looks on a background with the YIQ color 120.8900, 65.5600, 23.3200.



This preview shows how white text looks on a background with the YIQ color 120.8900, 65.5600,

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

120.8900, 65.5600, 23.3200

Protanopia

122.9270, 10.2710, -4.4250

Deuteranopia

122.9800, 29.1150, -4.5250



Tritanopia

120.8730, 64.2300, 25.3980

Trichromacy



Original Color

120.8900, 65.5600, 23.3200

Protanomaly

122.0870, 30.6720, 5.8080

Deuteranomaly

122.1330, 42.2260, 5.6660

Tritanomaly

120.6450, 64.8720, 24.7760

Monochromacy



Original Color

120.8900, 65.5600, 23.3200

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9600, 23.8400, 8.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.8900, 65.5600, 23.3200 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(198, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(198, 88, 88)  
}
```

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(198, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 88, 88) }
```

Border

The CSS property to change the border of an element to YIQ 120.8900, 65.5600, 23.3200 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(198, 88, 88) }
```


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

```
.border{ border-color:rgb(198, 88, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 88, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(198, 88,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 120.8900, 65.5600, 23.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 88, 88) }
```

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

```
.background{ background-color: rgb(198, 88,  
88) }
```

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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