

Converting Colors

YIQ(103.5620, 107.4660,
23.7700)

Have a look what the booklet for
YIQ(103.5620, 107.4660, 23.7700)
contains.

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Color

**YIQ(103.5620, 107.4660,
23.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3B19
RGB	221, 59, 25
RGB Percent	87%, 23%, 10%
CMY	0.1330, 0.7688, 0.9015
CMYK	0.00, 0.73, 0.89, 0.13
HSL	10°, 80%, 48%
HSV	10°, 89%, 87%
XYZ	31.5843, 18.5783, 2.8476
YIQ	103.5620, 107.4660, 23.7700

Conversions

Conversions Part 2

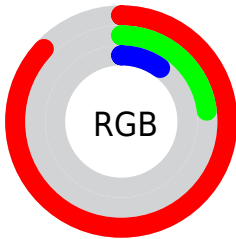
Format	Color
RYB	221, 66, 25
Decimal	14498585
CIELab	50.19, 61.02, 54.76
CIELCh	50, 81.985, 41.903
Yxy	18.5783, 0.5958, 0.3505
Android (android.graphics.Color)	4292688665 (0xFFDD3B19)
YUV	103.5620, -38.7311, 102.9931
Hunter-Lab	43.1026, 55.3698, 26.2549

Details

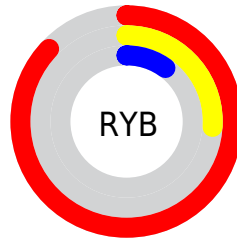
The YIQ color **103.5620, 107.4660, 23.7700** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **142.4380, -107.4660, -23.7700**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.3600, 96.0510, 15.8830**, and **46.9430, 93.5720, 33.2840** is the 20% darker color. If you saturate the color by 10%, you get **90.4880, 119.4780, 26.3420**, and if you desaturate by 10%, it is **116.6360, 95.4540, 21.1980**.

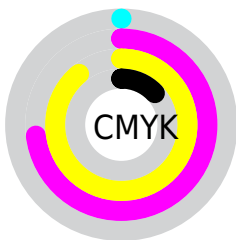
Distribution



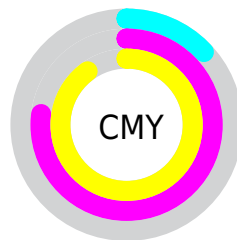
- Red (87%)
- Green (23%)
- Blue (10%)



- Red (87%)
- Yellow (26%)
- Blue (10%)



- Cyan (0%)
- Magenta (73%)
- Yellow (89%)
- Black (13%)





- Cyan (13%)
- Magenta (77%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.5620, 107.4660, 23.7700 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 103.5620, 107.4660, 23.7700 by changing the saturation by 10% instead.


 103.5620,
107.4660, 23.7700

 103.5620,
107.4660, 23.7700


255.0000, -0.0000,
-0.0000


 69.4250, 106.5940,
28.5620


 153.4740, 95.7300,
16.1940

 46.9430, 93.5720,
33.2840


 172.7600, 80.0050,
9.3250


 37.3750, 74.5000,
26.5000


 192.6330, 64.0050,
1.9330

 28.1060, 56.0240,
19.9280

 212.7340, 47.3630,
-4.8370

 20.0760, 38.3730,
14.9250

 232.8350, 30.7210,
-11.6070

 9.6820, 18.7510,
7.0950

 249.5280, 15.4080,

 0.0000, 0.0000,

-14.9280

0.0000

252.8340, 6.0990,
-5.9090

103.5620,
107.4660, 23.7700

103.5620,
107.4660, 23.7700

90.4880, 119.4780,
26.3420

116.6360, 95.4540,
21.1980

88.3850, 121.2660,
26.9780

130.2970, 83.1670,
18.1030

143.3710, 71.1550,
15.5310

156.5590, 58.8220,
13.2700

169.6330, 46.8100,
10.6980

■ 183.2940, 34.5230,
7.6030

■ 196.3680, 22.5110,
5.0310

■ 209.4420, 10.4990,
2.4590

■ 223.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



81.9920, 111.3530, 80.0010



103.5620, 107.4660, 23.7700



112.2210, 79.1840, -14.3520

Triad

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



103.5620, 107.4660, 23.7700



94.0240, -63.5830, -53.6550



99.5100, -114.8550, 16.5450

Complementary

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



103.5620, 107.4660, 23.7700



142.4380, -107.4660, -23.7700

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.



110.5490, -119.7590, 6.2970



103.5620, 107.4660, 23.7700



103.5200, -87.5660, -31.9980

Square

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



103.5620, 107.4660, 23.7700



86.9750, -27.4970, -68.8810



110.4570, -108.4770, -10.9490



120.7050, -4.1370, 58.4790

Rectangle

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



103.5620, 107.4660, 23.7700



111.7240, 52.1820, -31.6100



110.4570, -108.4770, -10.9490



104.2060, -117.0550, 12.3610

Sweetspot

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



103.5620, 107.4660, 23.7700



213.6750, 37.8240, 8.3520



102.1860, 64.4930, 92.2450



103.3680, 22.5110, 5.0310



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.



103.5620, 107.4660, 23.7700



102.0730, 139.8800, 31.0480



160.5010, 80.7910, -26.9610



103.4630, 6.0060, 1.2860



69.3370, 94.8580, 20.9860



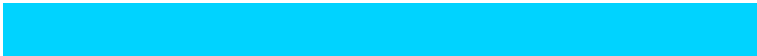
18.4500, 25.2160, 5.5680

Inverse Universe

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



142.4380, -107.4660, -23.7700



152.9270, -139.8800, -31.0480



85.4990, -80.7910, 26.9610



105.5370, -6.0060, -1.2860



103.6630, -94.8580, -20.9860



27.5500, -25.2160, -5.5680

Previews

White Background



This preview shows how the YIQ color 103.5620, 107.4660, 23.7700 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 103.5620, 107.4660, 23.7700 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 103.5620, 107.4660, 23.7700

Background



This preview shows how black text looks on a background with the YIQ color 103.5620, 107.4660, 23.7700.



This preview shows how white text looks on a background with the YIQ color 103.5620, 107.4660,

23.7700.

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

103.5620, 107.4660, 23.7700

Protanopia

115.0660, 34.0240, -21.9120

Deuteranopia

112.3660, 59.2420, -27.3980



Tritanopia

105.7480, 98.6150, 35.5030

Trichromacy



Original Color

103.5620, 107.4660, 23.7700

Protanomaly

111.1500, 60.7510, -5.1770

Deuteranomaly

109.1270, 76.7530, -8.8390

Tritanomaly

104.9670, 102.1920, 31.2480

Monochromacy



Original Color

103.5620, 107.4660, 23.7700

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1590, 39.3370, 8.4650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.5620, 107.4660, 23.7700 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(221, 59, 25)` looks like.

```
.text, #text, p{  
    color:rgb(221, 59, 25)  
}
```

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(221, 59, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 59, 25) }
```

Border

The CSS property to change the border of an element to YIQ 103.5620, 107.4660, 23.7700 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(221, 59, 25) }
```


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

```
.border{ border-color:rgb(221, 59, 25) }
```

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

Here you see how a box with a 4 pixel rgb(221, 59, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 59, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 59, 25);  
box-shadow:4px 4px 4px 4px rgb(221, 59,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 103.5620, 107.4660, 23.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 59, 25) }
```

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

```
.background{ background-color: rgb(221, 59,  
25) }
```

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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