

Converting Colors

YIQ(108.6020, 75.5990, 34.1190)

Have a look what the booklet for
YIQ(108.6020, 75.5990, 34.1190)
contains.

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Color

**YIQ(108.6020, 75.5990,
34.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	CA4253
RGB	202, 66, 83
RGB Percent	79%, 26%, 33%
CMY	0.2075, 0.7414, 0.6742
CMYK	0.00, 0.67, 0.59, 0.21
HSL	352°, 56%, 53%
HSV	352°, 67%, 79%
XYZ	27.8892, 17.0839, 10.0260
YIQ	108.6020, 75.5990, 34.1190

Conversions

Conversions Part 2

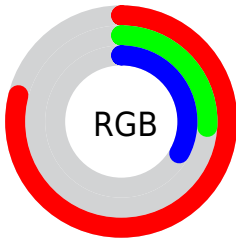
Format	Color
R_{YB}	202, 66, 83
Decimal	13255251
CIE Lab	48.37, 54.82, 20.66
CIE LCh	48, 58.580, 20.653
Yxy	17.0839, 0.5071, 0.3106
Android (android.graphics.Color)	4291445331 (0xFFCA4253)
YUV	108.6020, -12.6218, 81.9100
Hunter-Lab	41.3326, 48.1109, 14.5509

Details

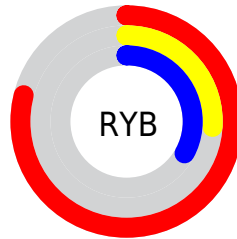
The YIQ color **108.6020, 75.5990, 34.1190** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **159.3980, -75.5990, -34.1190**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3200, 76.3330, 31.8290**, and **46.9040, 72.1130, 42.2330** is the 20% darker color. If you saturate the color by 10%, you get **94.8100, 86.8770, 38.9810**, and if you desaturate by 10%, it is **122.3940, 64.3210, 29.2570**.

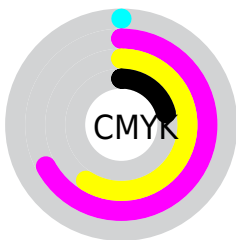
Distribution



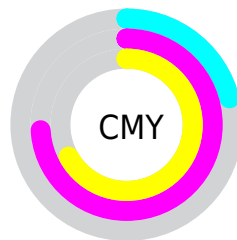
- Red (79%)
- Green (26%)
- Blue (33%)



- Red (79%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (59%)
- Black (21%)





- Cyan (21%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.6020, 75.5990, 34.1190 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 108.6020, 75.5990, 34.1190 by changing the saturation by 10% instead.


 108.6020, 75.5990,
34.1190

 108.6020, 75.5990,
34.1190


255.0000, -0.0000,
-0.0000


 78.8130, 73.6270,
36.8190


 162.3200, 76.3330,
31.8290


 46.9040, 72.1130,
42.2330


 181.7200, 60.2870,
25.2710

 35.6540, 60.6530,
29.6530


 201.2340, 43.9200,
19.0240

 24.8170, 49.4680,
17.5960

 221.4490, 26.9570,
12.5650

 16.9720, 32.7340,
12.4940

 241.6640, 9.9940,
6.1060

 3.5880, 7.1520,
2.5440

 0.0000, 0.0000,

0.0000

■ 108.6020, 75.5990,
34.1190

■ 108.6020, 75.5990,
34.1190

■ 94.8100, 86.8770,
38.9810

■ 122.3940, 64.3210,
29.2570

■ 81.1320, 97.8340,
44.1540

■ 136.0720, 53.3640,
24.0840

■ 66.7530, 109.3870,
49.5390

■ 150.4510, 41.8110,
18.6990

■ 63.2480, 112.3670,
50.5990

■ 164.2430, 30.5330,
13.8370

■ 177.9210, 19.5760,
8.6640

■ 191.7130, 8.2980,
3.8020

■ 205.5050, -2.9800,
-1.0600

■ 219.7700,
-14.2120, -6.7560

■ 233.5620,
-25.4900, -11.6180

Harmonies

Analogous

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



111.6220, 55.6520, 48.7080



108.6020, 75.5990, 34.1190



110.1290, 74.4120, 6.0600

Triad

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



108.6020, 75.5990, 34.1190



93.9050, -29.3350, -46.5750



97.6570, -102.7480, 0.8680

Complementary

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



108.6020, 75.5990, 34.1190



159.3980, -75.5990, -34.1190

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.



100.4320, -98.1610, -10.6810



108.6020, 75.5990, 34.1190



91.4770, -68.8120, -41.4840

Square

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



108.6020, 75.5990, 34.1190



103.5960, 28.7550, -42.0690



97.2910, -85.1830, -25.6230



111.0280, -48.7880, 25.1640

Rectangle

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



108.6020, 75.5990, 34.1190



108.1920, 68.9600, -16.2880



97.2910, -85.1830, -25.6230



99.4350, -102.2430, -2.7790

Sweetspot

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



108.6020, 75.5990, 34.1190



219.9330, 28.4700, 12.6780



116.7860, 26.6720, 67.3120



106.7250, 17.1920, 7.8160



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.



108.6020, 75.5990, 34.1190



112.8570, 115.0260, 51.9700



136.0140, 67.3060, 2.6820



95.1040, 5.6390, 2.4310



52.0280, 92.1950, 41.7230



11.9320, 21.0430, 9.6110

Inverse Universe

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



108.6020, 75.5990, 34.1190



112.8570, 115.0260, 51.9700



131.9860, -67.3060, -2.6820



95.1040, 5.6390, 2.4310



52.0280, 92.1950, 41.7230



11.9320, 21.0430, 9.6110

Previews

White Background



This preview shows how the YIQ color 108.6020, 75.5990, 34.1190 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 × Fail

Black Background



This preview shows how the YIQ color 108.6020, 75.5990, 34.1190 looks on a black 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

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

YIQ 108.6020, 75.5990, 34.1190

Background



This preview shows how black text looks on a background with the YIQ color 108.6020, 75.5990, 34.1190.

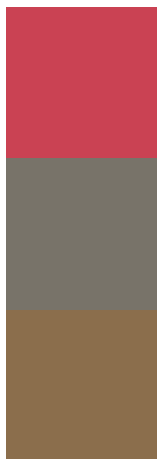


This preview shows how white text looks on a background with the YIQ color 108.6020, 75.5990,

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

108.6020, 75.5990, 34.1190

Protanopia

115.3550, 6.1900, -2.0500

Deuteranopia

114.7950, 28.1980, -4.4260



Tritanopia

108.5220, 78.5800, 29.6520

Trichromacy



Original Color

108.6020, 75.5990, 34.1190

Protanomaly

112.8470, 31.5880, 11.2360

Deuteranomaly

112.6220, 45.3430, 9.7510

Tritanomaly

108.3910, 77.5710, 31.4190

Monochromacy



Original Color

108.6020, 75.5990, 34.1190

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7480, 27.5530, 12.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.6020, 75.5990, 34.1190 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(202, 66, 83)` looks like.

```
.text, #text, p{  
    color:rgb(202, 66, 83)  
}
```

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(202, 66, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 66, 83) }
```

Border

The CSS property to change the border of an element to YIQ 108.6020, 75.5990, 34.1190 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(202, 66, 83) }
```


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

```
.border{ border-color:rgb(202, 66, 83) }
```

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

Here you see how a box with a 4 pixel rgb(202, 66, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 66, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 66, 83);  
box-shadow:4px 4px 4px 4px rgb(202, 66,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 108.6020, 75.5990, 34.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 66, 83) }
```

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

```
.background{ background-color: rgb(202, 66,  
83) }
```

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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