

Converting Colors

YIQ(65.3430, 105.0300, 56.9180)

Have a look what the booklet for
YIQ(65.3430, 105.0300, 56.9180)
contains.

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Color

**YIQ(65.3430, 105.0300,
56.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	C9002E
RGB	201, 0, 46
RGB Percent	79%, 0%, 18%
CMY	0.2113, 0.9998, 0.8192
CMYK	0.00, 1.00, 0.77, 0.21
HSL	346°, 100%, 39%
HSV	346°, 100%, 79%
XYZ	24.6172, 12.6335, 3.7359
YIQ	65.3430, 105.0300, 56.9180

Conversions

Conversions Part 2

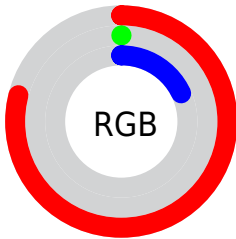
Format	Color
RYB	201, 0, 46
Decimal	13172782
CIELab	42.21, 67.83, 35.37
CIElCh	42, 76.495, 27.537
Yxy	12.6335, 0.6006, 0.3082
Android (android.graphics.Color)	4291362862 (0xFFC9002E)
YUV	65.3430, -9.5361, 118.9712
Hunter-Lab	35.5436, 61.4266, 18.6487

Details

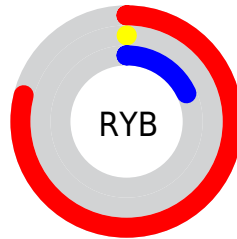
The YIQ color **65.3430, 105.0300, 56.9180** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **135.6570, -105.0300, -56.9180**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.6280, 99.0730, 38.2170**, and **41.2620, 82.2480, 29.2560** is the 20% darker color. If you saturate the color by 10%, you get **65.3430, 105.0300, 56.9180**, and if you desaturate by 10%, it is **78.9070, 94.3940, 51.4340**.

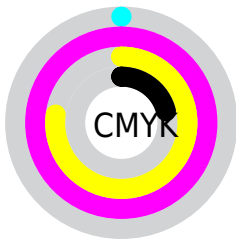
Distribution



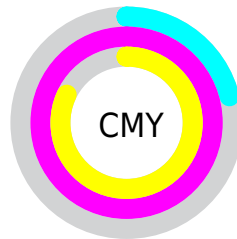
- Red (79%)
- Green (0%)
- Blue (18%)



- Red (79%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 65.3430, 105.0300, 56.9180 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 65.3430, 105.0300, 56.9180 by changing the saturation by 10% instead.


 65.3430, 105.0300,
56.9180


 65.3430, 105.0300,
56.9180


255.0000, -0.0000,
-0.0000


 53.3810, 92.6990,
43.6030


 136.6280, 99.0730,
38.2170


 41.3760, 81.9270,
29.5670


 157.0880, 82.7980,
30.3020

 31.6940, 63.1760,
22.4720

 176.9610, 66.7980,
22.9100

 23.3650, 44.9290,
17.2570

 197.0620, 50.1560,
16.1400

 13.9820, 26.7740,
10.3740

 217.7500, 33.2390,
8.8470

 0.0000, 0.0000,
0.0000

 237.9650, 16.2760,

2.3880

254.7720, 0.6420,
-0.6220

■ 65.3430, 105.0300,
56.9180

■ 78.9070, 94.3940,
51.4340

■ 92.3570, 84.0790,
45.6390

■ 105.9210, 73.4430,
40.1550

■ 119.3710, 63.1280,
34.3600

■ 133.5220, 52.2170,
28.3530

■ 146.9720, 41.9020,
22.5580

■ 160.5360, 31.2660,
17.0740

■ 173.9860, 20.9510,
11.2790

■ 187.5500, 10.3150,
5.7950

Harmonies

Analogous

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



73.0090, 86.3200, 76.6240



65.3430, 105.0300, 56.9180



90.4690, 84.9580, 2.1580

Triad

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



65.3430, 105.0300, 56.9180



73.3070, -39.6950, -57.0630



90.5620, -103.4380, 13.3780

Complementary

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



65.3430, 105.0300, 56.9180



135.6570, -105.0300, -56.9180

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.



95.2120, -99.9970, 0.5710



65.3430, 105.0300, 56.9180



83.2760, -63.6320, -36.2400

Square

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



65.3430, 105.0300, 56.9180



84.8800, 7.3440, -45.0080



91.2730, -84.7720, -16.5480



95.1070, -50.0280, 36.6280

Rectangle

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



65.3430, 105.0300, 56.9180



94.1250, 61.8990, -14.9730



91.2730, -84.7720, -16.5480



93.1550, -103.8500, 9.8300

Sweetspot

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



65.3430, 105.0300, 56.9180



203.6620, 39.8390, 21.3990



68.9600, 27.2630, 95.1590



96.8940, 24.2060, 12.8620



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.



65.3430, 105.0300, 56.9180



82.8570, 133.3620, 72.0980



91.7970, 104.9460, 14.3700



92.9190, 4.7220, 2.5300



52.9550, 85.2710, 46.0630



11.6760, 18.8880, 10.1200

Inverse Universe

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



65.3430, 105.0300, 56.9180



82.8570, 133.3620, 72.0980



109.7900, -105.2210, -14.8930



92.9190, 4.7220, 2.5300



52.9550, 85.2710, 46.0630



11.6760, 18.8880, 10.1200

Previews

White Background



This preview shows how the YIQ color 65.3430, 105.0300, 56.9180 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



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 65.3430, 105.0300, 56.9180

Background



This preview shows how black text looks on a background with the YIQ color 65.3430, 105.0300, 56.9180.



This preview shows how white text looks on a background with the YIQ color 65.3430, 105.0300,

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

65.3430, 105.0300, 56.9180

Protanopia

100.7440, 15.0400, -8.2560

Deuteranopia

99.0870, 38.6990, -13.0210



Tritanopia

72.3920, 111.3610, 35.7850

Trichromacy



Original Color

65.3430, 105.0300, 56.9180

Protanomaly

87.8660, 47.7720, 15.2920

Deuteranomaly

87.0710, 63.1320, 12.2520

Tritanomaly

69.7650, 109.1130, 43.4890

Monochromacy



Original Color

65.3430, 105.0300, 56.9180

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.0640, 38.6470, 20.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.3430, 105.0300, 56.9180 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(201, 0, 46)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 46)  
}
```

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(201, 0, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 46) }
```

Border

The CSS property to change the border of an element to YIQ 65.3430, 105.0300, 56.9180 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(201, 0, 46) }
```


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

```
.border{ border-color:rgb(201, 0, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.3430, 105.0300, 56.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 46) }
```

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

```
.background{ background-color: rgb(201, 0,  
46) }
```

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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