

Converting Colors

YIQ(67.3200, 121.0320, 53.2560)

Have a look what the booklet for
YIQ(67.3200, 121.0320, 53.2560)
contains.

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Color

**YIQ(67.3200, 121.0320,
53.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	D80018
RGB	216, 0, 24
RGB Percent	85%, 0%, 9%
CMY	0.1524, 0.9998, 0.9054
CMYK	0.00, 1.00, 0.89, 0.15
HSL	353°, 100%, 42%
HSV	353°, 100%, 85%
XYZ	28.5249, 14.6859, 2.2018
YIQ	67.3200, 121.0320, 53.2560

Conversions

Conversions Part 2

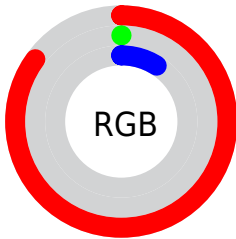
Format	Color
RYB	216, 0, 24
Decimal	14155800
CIELab	45.20, 70.96, 51.03
CIELCh	45, 87.405, 35.721
Yxy	14.6859, 0.6281, 0.3234
Android (android.graphics.Color)	4292345880 (0xFFD80018)
YUV	67.3200, -21.3568, 130.3924
Hunter-Lab	38.3222, 65.8013, 23.4190

Details

The YIQ color **67.3200, 121.0320, 53.2560** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **148.6800, -121.0320, -53.2560**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.9950, 104.9890, 30.1170**, and **45.1490, 89.9960, 32.0120** is the 20% darker color. If you saturate the color by 10%, you get **67.3200, 121.0320, 53.2560**, and if you desaturate by 10%, it is **82.4000, 108.8830, 47.6590**.

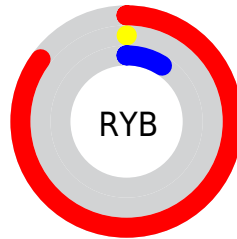
Distribution



Red (85%)

Green (0%)

Blue (9%)



Red (85%)

Yellow (0%)

Blue (9%)

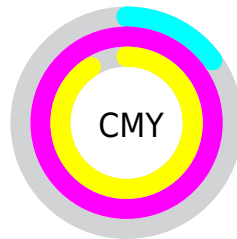


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.3200, 121.0320, 53.2560 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 67.3200, 121.0320, 53.2560 by changing the saturation by 10% instead.

■ 67.3200, 121.0320,
53.2560

■ 67.3200, 121.0320,
53.2560

255.0000, -0.0000,
-0.0000

■ 54.7170, 109.0680,
38.7960

■ 135.9950,
104.9890, 30.1170

■ 45.1490, 89.9960,
32.0120

■ 156.3410, 89.0350,
21.8910

■ 35.5810, 70.9240,
25.2280

■ 176.9150, 72.4390,
14.2870

■ 26.5400, 51.8060,
19.2780

■ 196.9020, 56.1180,
7.2060

■ 17.5700, 33.9260,
12.9180

■ 217.5900, 39.2010,
-0.0870


■ 5.0830, 10.1320,
3.6040


■ 238.3920, 21.9630,


■ 0.0000, 0.0000,


-7.0690


0.0000


 252.1500, 8.0250,
-7.7750


 67.3200, 121.0320,
53.2560

 82.4000, 108.8830,
47.6590

 97.0070, 96.6880,
42.8960

 112.0870, 84.5390,
37.2990

 127.1670, 72.3900,
31.7020

 141.6600, 60.5160,
26.6280

■ 156.7400, 48.3670,
21.0310

■ 171.3470, 36.1720,
16.2680

■ 186.4270, 24.0230,
10.6710

■ 201.5070, 11.8740,
5.0740

Harmonies

Analogous

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



79.2300, 104.7510, 78.5030



67.3200, 121.0320, 53.2560



98.7090, 84.0420, -3.2700

Triad

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



67.3200, 121.0320, 53.2560



82.0440, -49.1400, -56.5960



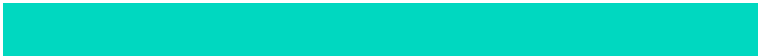
95.4010, -112.9300, 20.2060

Complementary

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



67.3200, 121.0320, 53.2560



148.6800, -121.0320, -53.2560

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.



103.8980, -113.4320, 7.2720



67.3200, 121.0320, 53.2560



92.9250, -75.6450, -33.2850

Square

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



67.3200, 121.0320, 53.2560



80.5510, -20.0710, -60.2870



101.7200, -99.0320, -11.4160



106.1630, -26.0980, 54.4940

Rectangle

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



67.3200, 121.0320, 53.2560



101.1470, 55.6650, -23.1430



101.7200, -99.0320, -11.4160



100.0970, -115.1300, 16.0220

Sweetspot

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



67.3200, 121.0320, 53.2560



202.6360, 42.7280, 18.6000



81.7330, 44.5000, 107.6680



96.3240, 25.8110, 11.3070



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.



67.3200, 121.0320, 53.2560



79.4370, 142.9920, 62.7680



113.3050, 105.9110, 2.3830



99.5170, 5.9140, 2.9540



53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Inverse Universe

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



67.3200, 121.0320, 53.2560



79.4370, 142.9920, 62.7680



102.6950, -105.9110, -2.3830



99.5170, 5.9140, 2.9540



53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 67.3200, 121.0320, 53.2560 looks on a white background.

Color Contrast Check

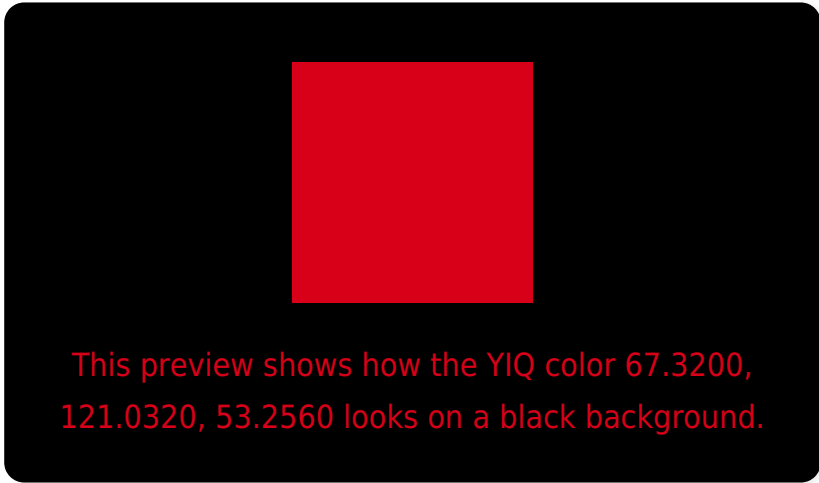
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.3200, 121.0320, 53.2560

Background



This preview shows how black text looks on a background with the YIQ color 67.3200, 121.0320, 53.2560.



This preview shows how white text looks on a background with the YIQ color 67.3200, 121.0320,

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

67.3200, 121.0320, 53.2560

Protanopia

105.3630, 28.9340, -17.7700

Deuteranopia

102.3100, 53.6480, -25.1360



Tritanopia

76.0250, 122.6400, 35.1200

Trichromacy



Original Color

67.3200, 121.0320, 53.2560

Protanomaly

91.2510, 62.4450, 8.1810

Deuteranomaly

89.4020, 77.8970, 3.4730

Tritanomaly

72.9420, 121.6760, 41.5800

Monochromacy



Original Color

67.3200, 121.0320, 53.2560

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.2340, 43.9200, 19.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.3200, 121.0320, 53.2560 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(216, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(216, 0, 24)  
}
```

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(216, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 24) }
```

Border

The CSS property to change the border of an element to YIQ 67.3200, 121.0320, 53.2560 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(216, 0, 24) }
```


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

```
.border{ border-color:rgb(216, 0, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 0, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(216, 0, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.3200, 121.0320, 53.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 24) }
```

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

```
.background{ background-color: rgb(216, 0,  
24) }
```

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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