

Converting Colors

YIQ(65.6530, 124.2880, 49.3120)

Have a look what the booklet for
YIQ(65.6530, 124.2880, 49.3120)
contains.

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Color

**YIQ(65.6530, 124.2880,
49.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	D7000C
RGB	215, 0, 12
RGB Percent	84%, 0%, 5%
CMY	0.1563, 0.9998, 0.9525
CMYK	0.00, 1.00, 0.94, 0.16
HSL	357°, 100%, 42%
HSV	357°, 100%, 84%
XYZ	28.1303, 14.4940, 1.6668
YIQ	65.6530, 124.2880, 49.3120

Conversions

Conversions Part 2

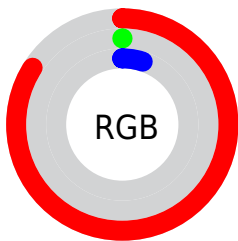
Format	Color
RYB	215, 0, 12
Decimal	14090252
CIELab	44.93, 70.57, 55.40
CIELCh	45, 89.713, 38.134
Yxy	14.4940, 0.6351, 0.3272
Android (android.graphics.Color)	4292280332 (0xFFD7000C)
YUV	65.6530, -26.4509, 130.9773
Hunter-Lab	38.0709, 65.2682, 24.0539

Details

The YIQ color **65.6530, 124.2880, 49.3120** 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 **149.3470, -124.2880, -49.3120**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.9690, 107.8780, 27.3180**, and **44.8500, 89.4000, 31.8000** is the 20% darker color. If you saturate the color by 10%, you get **65.6530, 124.2880, 49.3120**, and if you desaturate by 10%, it is **80.8470, 111.8180, 44.0260**.

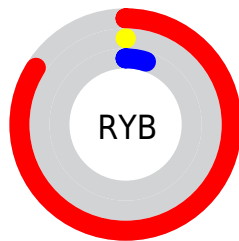
Distribution



Red (84%)

Green (0%)

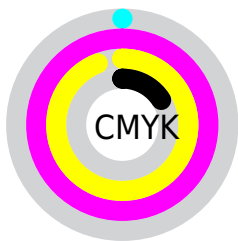
Blue (5%)



Red (84%)

Yellow (0%)

Blue (5%)

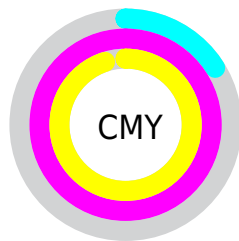


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (16%)



Cyan (16%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 65.6530, 124.2880, 49.3120 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 65.6530, 124.2880, 49.3120 by changing the saturation by 10% instead.


 65.6530, 124.2880,
49.3120


 65.6530, 124.2880,
49.3120


 254.3160, 1.9260,
-1.8660


 54.4180, 108.4720,
38.5840


 134.9690,
107.8780, 27.3180


 44.8500, 89.4000,
31.8000


 155.3150, 91.9240,
19.0920


 35.2820, 70.3280,
25.0160


 175.3020, 75.6030,
12.0110

 25.9420, 50.6140,
18.8540

 195.8760, 59.0070,
4.4070

 16.9720, 32.7340,
12.4940

 215.8630, 42.6860,
-2.6740

 4.1860, 8.3440,
2.9680

 236.6650, 25.4480,

 0.0000, 0.0000,

-9.6560

0.0000

■ 251.0100, 11.2350,
-10.8850

■ 65.6530, 124.2880,
49.3120

■ 80.8470, 111.8180,
44.0260

■ 95.5680, 99.3020,
39.5740

■ 110.7620, 86.8320,
34.2880

■ 125.3690, 74.6370,
29.5250

■ 140.6770, 61.8460,
24.5500

■ 155.2840, 49.6510,
19.7870

■ 170.4780, 37.1810,
14.5010

■ 185.1990, 24.6650,
10.0490

■ 200.3930, 12.1950,
4.7630

Harmonies

Analogous

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



79.0300, 108.1900, 76.7500



65.6530, 124.2880, 49.3120



98.6870, 81.1080, -5.1640

Triad

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



65.6530, 124.2880, 49.3120



82.6140, -50.7450, -55.0410



94.2270, -112.3800, 21.2520

Complementary

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



65.6530, 124.2880, 49.3120



149.3470, -124.2880, -49.3120

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.



103.9950, -115.0830, 9.6610



65.6530, 124.2880, 49.3120



93.6090, -77.5710, -31.4190

Square

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



65.6530, 124.2880, 49.3120



73.3750, -34.3750, -65.3750



101.8170, -100.6830, -9.0270



105.1040, -18.4420, 58.9180

Rectangle

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



65.6530, 124.2880, 49.3120



99.9400, 51.8140, -24.9380



101.8170, -100.6830, -9.0270



98.9230, -114.5800, 17.0680

Sweetspot

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



65.6530, 124.2880, 49.3120



202.1800, 44.0120, 17.3560



84.6090, 50.7810, 109.4770



95.9820, 26.7740, 10.3740



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.



65.6530, 124.2880, 49.3120



77.8410, 147.4860, 58.4140



118.8760, 102.5650, -3.0590



99.4030, 6.2350, 2.6430



52.2690, 98.7060, 39.3620



13.0850, 24.9860, 9.7380

Inverse Universe

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



65.6530, 124.2880, 49.3120



77.8410, 147.4860, 58.4140



96.1240, -102.5650, 3.0590



99.4030, 6.2350, 2.6430



52.2690, 98.7060, 39.3620



13.0850, 24.9860, 9.7380

Previews

White Background



This preview shows how the YIQ color 65.6530, 124.2880, 49.3120 looks on a white background.

Color Contrast Check

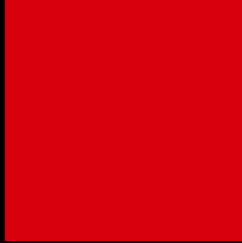
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.6530, 124.2880, 49.3120 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 65.6530, 124.2880, 49.3120

Background



This preview shows how black text looks on a background with the YIQ color 65.6530, 124.2880, 49.3120.



This preview shows how white text looks on a background with the YIQ color 65.6530, 124.2880,

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

65.6530, 124.2880, 49.3120

Protanopia

104.1090, 32.4650, -21.1910

Deuteranopia

101.4240, 53.3270, -24.8250



Tritanopia

75.7260, 122.0440, 34.9080

Trichromacy



Original Color

65.6530, 124.2880, 49.3120

Protanomaly

89.9970, 65.9760, 4.7600

Deuteranomaly

88.5330, 78.9060, 1.7060

Tritanomaly

72.0730, 122.6850, 39.8130

Monochromacy



Original Color

65.6530, 124.2880, 49.3120

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.7780, 45.2040, 17.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.6530, 124.2880, 49.3120 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(215, 0, 12)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 12)  
}
```

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(215, 0, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 12) }
```

Border

The CSS property to change the border of an element to YIQ 65.6530, 124.2880, 49.3120 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(215, 0, 12) }
```


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

```
.border{ border-color:rgb(215, 0, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 0, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(215, 0, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.6530, 124.2880, 49.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 12) }
```

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

```
.background{ background-color: rgb(215, 0,  
12) }
```

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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