

Converting Colors

YIQ(152.3610, 84.0010,
-30.0710)

Have a look what the booklet for
YIQ(152.3610, 84.0010, -30.0710)
contains.

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Color

**YIQ(152.3610, 84.0010,
-30.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	D69508
RGB	214, 149, 8
RGB Percent	84%, 58%, 3%
CMY	0.1607, 0.4158, 0.9681
CMYK	0.00, 0.30, 0.96, 0.16
HSL	41°, 93%, 44%
HSV	41°, 96%, 84%
XYZ	38.5240, 35.8026, 5.1131
YIQ	152.3610, 84.0010, -30.0710

Conversions

Conversions Part 2

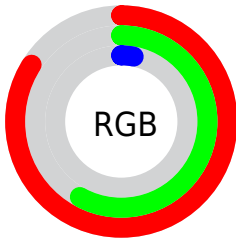
Format	Color
RYB	103, 214, 8
Decimal	14062856
CIELab	66.37, 14.99, 69.86
CIELCh	66, 71.449, 77.890
Yxy	35.8026, 0.4849, 0.4507
Android (android.graphics.Color)	4292252936 (0xFFD69508)
YUV	152.3610, -71.1700, 54.0574
Hunter-Lab	59.8353, 10.2128, 36.8182

Details

The YIQ color **152.3610, 84.0010, -30.0710** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **69.6390, -84.0010, 30.0710**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.1840, 71.4380, -28.1620**, and **104.1590, 64.5590, -19.1290** is the 20% darker color. If you saturate the color by 10%, you get **149.6880, 87.3940, -30.9900**, and if you desaturate by 10%, it is **158.9780, 75.0140, -26.8900**.

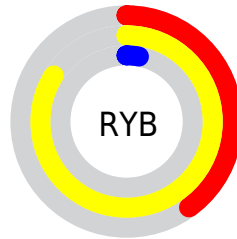
Distribution



Red (84%)

Green (58%)

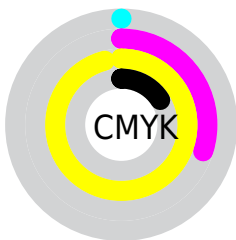
Blue (3%)



Red (40%)

Yellow (84%)

Blue (3%)

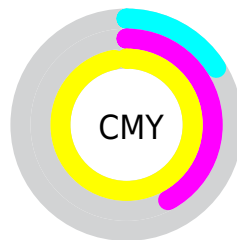


Cyan (0%)

Magenta (30%)

Yellow (96%)

Black (16%)



Cyan (16%)


Magenta (42%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.3610, 84.0010, -30.0710 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 152.3610, 84.0010, -30.0710 by changing the saturation by 10% instead.


 152.3610, 84.0010,
-30.0710


 152.3610, 84.0010,
-30.0710


255.0000, -0.0000,
-0.0000


 127.2170, 75.8390,
-25.3210


 204.1840, 71.4380,
-28.1620


 103.5720, 64.8340,
-18.6060


 223.8120, 54.7500,
-34.0980


 81.1010, 53.2790,
-12.9370


 240.9780, 39.4830,
-38.2530

 58.9290, 42.3200,
-7.0560

 244.1700, 30.4950,
-29.5450

 38.5290, 32.0030,
-1.7970

 247.4760, 21.1860,
-20.5260

 18.4280, 22.2820,
3.6740

 250.7820, 11.8770,

 0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

152.3610, 84.0010,
-30.0710

152.3610, 84.0010,
-30.0710

149.6880, 87.3940,
-30.9900

158.9780, 75.0140,
-26.8900

164.8940, 66.6230,
-23.4970

171.3970, 57.9570,
-20.6270

178.0140, 48.9700,
-17.4460

184.5170, 40.3040,
-14.5760

■ 191.1340, 31.3170,
-11.3950

■ 197.0500, 22.9260,
-8.0020

■ 203.5530, 14.2600,
-5.1320

■ 210.1700, 5.2730,
-1.9510

Harmonies

Analogous

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



155.4970, 96.9230, 11.0910



152.3610, 84.0010, -30.0710



146.7760, 45.2630, -54.9050

Triad

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



152.3610, 84.0010, -30.0710



134.8030, -116.4040, -38.0040



165.6220, 12.0940, 56.1740

Complementary

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



152.3610, 84.0010, -30.0710



69.6390, -84.0010, 30.0710

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.



151.4500, -61.9000, 20.5000



152.3610, 84.0010, -30.0710



139.4260, -133.5550, -19.0190

Square

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



152.3610, 84.0010, -30.0710



126.5780, -94.6220, -58.3180



132.3820, -130.2550, -12.7430



156.6050, 63.4900, 60.8500

Rectangle

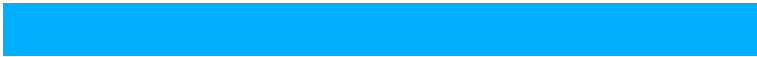
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



152.3610, 84.0010, -30.0710



142.8370, -0.2650, -55.7930



132.3820, -130.2550, -12.7430



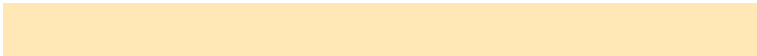
164.2170, -8.9950, 47.3970

Sweetspot

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



152.3610, 84.0010, -30.0710



233.0630, 30.0790, -10.9850



77.0040, 101.9110, 63.8870



114.0650, 18.5700, -6.1500



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.



152.3610, 84.0010, -30.0710



178.3830, 104.1300, -36.9420



179.1540, 43.4780, -72.1220



103.9850, 4.3560, -1.8520



119.8080, 69.7410, -24.9390



30.4670, 17.3780, -6.5740

Inverse Universe

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



69.6390, -84.0010, 30.0710



76.6170, -104.1300, 36.9420



42.8460, -43.4780, 72.1220



99.6020, -4.6310, 1.3290



51.1920, -69.7410, 24.9390



13.1200, -17.6530, 6.0510

Previews

White Background



This preview shows how the YIQ color 152.3610, 84.0010, -30.0710 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 152.3610, 84.0010, -30.0710 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 ✓ Pass

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

YIQ 152.3610, 84.0010, -30.0710

Background



This preview shows how black text looks on a background with the YIQ color 152.3610, 84.0010, -30.0710.



This preview shows how white text looks on a background with the YIQ color 152.3610, 84.0010,

-30.0710.

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

152.3610, 84.0010, -30.0710

Protanopia

151.3360, 58.7860, -41.1660

Deuteranopia

151.1060, 80.1050, -36.5590



Tritanopia

164.0710, 45.9370, 21.0170

Trichromacy



Original Color

152.3610, 84.0010, -30.0710

Protanomaly

151.6470, 68.2760, -36.9400

Deuteranomaly

151.7580, 81.2050, -34.4670

Tritanomaly

159.7080, 59.4200, 2.4280

Monochromacy



Original Color

152.3610, 84.0010, -30.0710

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.3620, 30.6750, -10.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3610, 84.0010, -30.0710 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(214, 149, 8)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 8)  
}
```

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(214, 149, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 8) }
```

Border

The CSS property to change the border of an element to YIQ 152.3610, 84.0010, -30.0710 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(214, 149, 8) }
```


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

```
.border{ border-color:rgb(214, 149, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 8);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
8) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3610, 84.0010, -30.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 8) }
```

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

```
.background{ background-color: rgb(214,  
149, 8) }
```

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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