

Converting Colors

YIQ(142.7230, 89.4540,
-13.2500)

Have a look what the booklet for
YIQ(142.7230, 89.4540, -13.2500)
contains.

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Color

**YIQ(142.7230, 89.4540,
-13.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7F15
RGB	220, 127, 21
RGB Percent	86%, 50%, 8%
CMY	0.1371, 0.5021, 0.9172
CMYK	0.00, 0.42, 0.90, 0.14
HSL	32°, 82%, 47%
HSV	32°, 90%, 86%
XYZ	37.2479, 30.4450, 4.6282
YIQ	142.7230, 89.4540, -13.2500

Conversions

Conversions Part 2

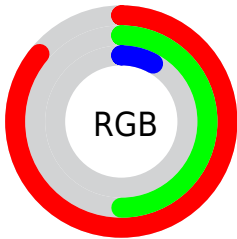
Format	Color
R _Y B	196, 220, 21
Decimal	14450453
CIE Lab	62.04, 29.53, 64.75
CIE LCh	62, 71.164, 65.481
Yxy	30.4450, 0.5150, 0.4210
Android (android.graphics.Color)	4292640533 (0xFFDC7F15)
YUV	142.7230, -60.0094, 67.7719
Hunter-Lab	55.1769, 23.9389, 33.6507

Details

The YIQ color **142.7230, 89.4540, -13.2500** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **98.2770, -89.4540, 13.2500**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9110, 77.1210, -15.5110**, and **92.4410, 72.9930, -6.7750** is the 20% darker color. If you saturate the color by 10%, you get **134.4590, 98.9450, -14.5510**, and if you desaturate by 10%, it is **151.1010, 79.6420, -11.6380**.

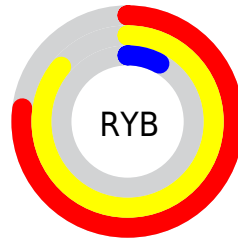
Distribution



Red (86%)

Green (50%)

Blue (8%)



Red (77%)

Yellow (86%)

Blue (8%)

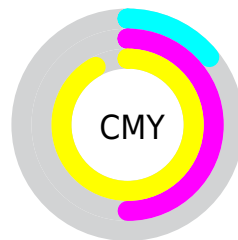


Cyan (0%)

Magenta (42%)

Yellow (90%)

Black (14%)



Cyan (14%)


Magenta (50%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.7230, 89.4540, -13.2500 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 142.7230, 89.4540, -13.2500 by changing the saturation by 10% instead.


 142.7230, 89.4540,
-13.2500

 142.7230, 89.4540,
-13.2500


255.0000, -0.0000,
-0.0000


 116.3850, 84.5940,
-13.2780


 190.9110, 77.1210,
-15.5110


 92.4410, 72.9930,
-6.7750


 210.4250, 60.7540,
-21.7580


 69.3830, 61.7130,
-0.5830


 229.9390, 44.3870,
-28.0050

 47.2110, 50.7540,
5.2980

 244.2840, 30.1740,
-29.2340

 23.8650, 40.3450,
12.2250

 247.4760, 21.1860,
-20.5260

 13.7540, 27.4160,
9.7520

 250.6680, 12.1980,

 0.0000, 0.0000,

-11.8180

0.0000

253.9740, 2.8890,
-2.7990

142.7230, 89.4540,
-13.2500

142.7230, 89.4540,
-13.2500

134.4590, 98.9450,
-14.5510

151.1010, 79.6420,
-11.6380

160.0660, 69.5550,
-10.5490

168.4440, 59.7430,
-8.9370

176.8220, 49.9310,
-7.3250

185.2000, 40.1190,
-5.7130

■ 194.1650, 30.0320,
-4.6240

■ 202.5430, 20.2200,
-3.0120

■ 210.9210, 10.4080,
-1.4000

■ 219.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



143.1790, 98.4790, 26.9510



142.7230, 89.4540, -13.2500



139.1680, 59.1990, -43.1450

Triad

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



142.7230, 89.4540, -13.2500



123.3130, -100.5850, -43.8570



153.4270, -18.3940, 47.0300

Complementary

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



142.7230, 89.4540, -13.2500



98.2770, -89.4540, 13.2500

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.



119.4680, -124.2050, -1.2370



142.7230, 89.4540, -13.2500



129.7940, -120.2120, -24.0520

Square

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



142.7230, 89.4540, -13.2500



113.4410, -78.2990, -62.2910



128.8600, -128.6050, -9.6050



150.1610, 47.3050, 62.3210

Rectangle

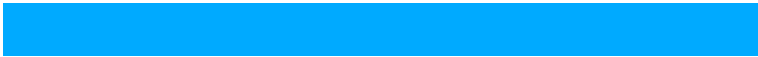
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



142.7230, 89.4540, -13.2500



133.0670, 31.1420, -57.8020



128.8600, -128.6050, -9.6050



147.7610, -43.2420, 34.7900

Sweetspot

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



142.7230, 89.4540, -13.2500



228.3500, 30.9490, -4.7230



91.4450, 87.7880, 72.0440



111.5860, 18.6610, -2.2910



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.



142.7230, 89.4540, -13.2500



156.0770, 114.5800, -17.0680



196.4170, 62.0910, -62.5250



105.8110, 4.9060, -0.8060



105.7310, 77.8080, -11.4400



27.8420, 20.8160, -2.8000

Inverse Universe

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



98.2770, -89.4540, 13.2500



98.9230, -114.5800, 17.0680



44.5830, -62.0910, 62.5250



103.1890, -4.9060, 0.8060



67.2690, -77.8080, 11.4400



17.5710, -20.5410, 3.3230

Previews

White Background



This preview shows how the YIQ color 142.7230, 89.4540, -13.2500 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 142.7230, 89.4540, -13.2500 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 142.7230, 89.4540, -13.2500

Background



This preview shows how black text looks on a background with the YIQ color 142.7230, 89.4540, -13.2500.



This preview shows how white text looks on a background with the YIQ color 142.7230, 89.4540, -13.2500.

-13.2500.

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

142.7230, 89.4540, -13.2500

Protanopia

142.3600, 50.2110, -34.4370

Deuteranopia

140.7510, 73.9150, -34.5090



Tritanopia

150.7200, 60.2870, 25.2710

Trichromacy



Original Color

142.7230, 89.4540, -13.2500

Protanomaly

142.4160, 64.9730, -26.6350

Deuteranomaly

141.4300, 79.5530, -26.5510

Tritanomaly

147.7360, 71.3850, 11.3610

Monochromacy



Original Color

142.7230, 89.4540, -13.2500

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.8340, 32.4620, -4.6100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7230, 89.4540, -13.2500 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(220, 127, 21)` looks like.

```
.text, #text, p{  
    color:rgb(220, 127, 21)  
}
```

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(220, 127, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 127, 21) }
```

Border

The CSS property to change the border of an element to YIQ 142.7230, 89.4540, -13.2500 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(220, 127, 21) }
```


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

```
.border{ border-color:rgb(220, 127, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 127, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 127, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 127, 21);  
box-shadow:4px 4px 4px 4px rgb(220, 127,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7230, 89.4540, -13.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 127, 21) }
```

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

```
.background{ background-color: rgb(220,  
127, 21) }
```

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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