

Converting Colors

YIQ(164.1300, 88.7250,
-38.5950)

Have a look what the booklet for
YIQ(164.1300, 88.7250, -38.5950)
contains.

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Color

**YIQ(164.1300, 88.7250,
-38.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A500
RGB	225, 165, 0
RGB Percent	88%, 65%, 0%
CMY	0.1176, 0.3530, 0.9995
CMYK	0.00, 0.27, 1.00, 0.12
HSL	44°, 100%, 44%
HSV	44°, 100%, 88%
XYZ	44.5057, 42.9105, 5.9404
YIQ	164.1300, 88.7250, -38.5950

Conversions

Conversions Part 2

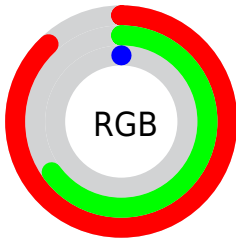
Format	Color
RYB	82, 225, 0
Decimal	14787840
CIELab	71.49, 11.14, 75.00
CIELCh	71, 75.820, 81.554
Yxy	42.9105, 0.4767, 0.4596
Android (android.graphics.Color)	4292977920 (0xFFE1A500)
YUV	164.1300, -80.9161, 53.3830
Hunter-Lab	65.5061, 6.6396, 40.4776

Details

The YIQ color **164.1300, 88.7250, -38.5950** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **60.8700, -88.7250, 38.5950**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.2770, 66.4420, -36.7420**, and **115.9540, 66.3940, -24.8540** is the 20% darker color. If you saturate the color by 10%, you get **164.1300, 88.7250, -38.5950**, and if you desaturate by 10%, it is **170.2740, 79.6920, -34.5800**.

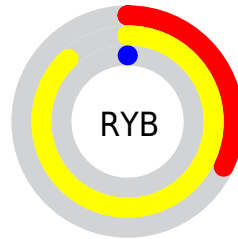
Distribution



Red (88%)

Green (65%)

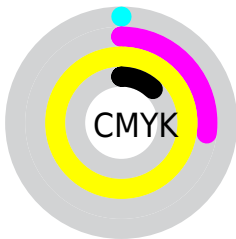
Blue (0%)



Red (32%)

Yellow (88%)

Blue (0%)

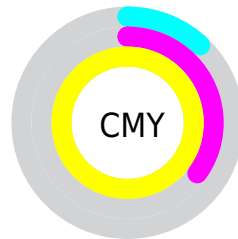


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.1300, 88.7250, -38.5950 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 164.1300, 88.7250, -38.5950 by changing the saturation by 10% instead.

164.1300, 88.7250,
-38.5950

164.1300, 88.7250,
-38.5950

255.0000, -0.0000,
-0.0000

139.5990, 77.3990,
-31.5690

214.2770, 66.4420,
-36.7420

115.9540, 66.3940,
-24.8540

233.9050, 49.7540,
-42.6780

92.6080, 55.9850,
-17.9270

241.3200, 38.5200,
-37.3200

70.1370, 44.4300,
-12.2580

244.5120, 29.5320,
-28.6120

48.8510, 33.7920,
-6.6880

247.8180, 20.2230,
-19.5930

29.3370, 23.7960,
-1.7400

251.1240, 10.9140,

8.3720, 16.6880,

-10.5740

5.9360

254.4300, 1.6050,
-1.5550

0.0000, 0.0000,
0.0000

164.1300, 88.7250,
-38.5950

170.2740, 79.6920,
-34.5800

176.3040, 70.9800,
-30.8760

182.4480, 61.9470,
-26.8610

188.4780, 53.2350,
-23.1570

194.6220, 44.2020,
-19.1420

■ 200.6520, 35.4900,
-15.4380

■ 206.7960, 26.4570,
-11.4230

■ 212.8260, 17.7450,
-7.7190

■ 218.9700, 8.7120,
-3.7040

Harmonies

Analogous

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



163.6010, 93.3940, 3.4580



164.1300, 88.7250, -38.5950



159.1450, 39.6700, -58.1700

Triad

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



164.1300, 88.7250, -38.5950



147.0450, -128.8290, -38.5970



178.6020, 24.0140, 60.4140

Complementary

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



164.1300, 88.7250, -38.5950



60.8700, -88.7250, 38.5950

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.



166.2900, -46.7700, 21.6300



164.1300, 88.7250, -38.5950



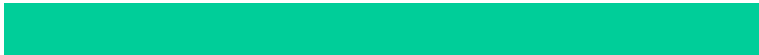
147.6440, -137.4050, -26.3410

Square

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



164.1300, 88.7250, -38.5950



138.3640, -105.7630, -60.1550



140.0130, -133.8300, -19.5420



161.6260, 58.9970, 59.6770

Rectangle

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



164.1300, 88.7250, -38.5950



153.7000, -10.3050, -61.0650



140.0130, -133.8300, -19.5420



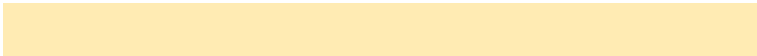
176.9860, 4.8970, 48.9370

Sweetspot

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



164.1300, 88.7250, -38.5950



234.5960, 29.8960, -13.1760



74.5710, 113.5560, 67.6040



115.1250, 18.3410, -7.5070



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.



164.1300, 88.7250, -38.5950



186.0140, 100.5550, -43.7410



184.6990, 43.0210, -80.3630



108.9850, 4.3560, -1.8520



128.3470, 69.4210, -30.1550



35.4840, 18.7080, -8.6520

Inverse Universe

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



60.8700, -88.7250, 38.5950



68.9860, -100.5550, 43.7410



40.3010, -43.0210, 80.3630



104.0150, -4.3560, 1.8520



47.6530, -69.4210, 30.1550



13.1030, -18.9830, 8.1290

Previews

White Background



This preview shows how the YIQ color 164.1300, 88.7250, -38.5950 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 164.1300, 88.7250, -38.5950 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 164.1300, 88.7250, -38.5950

Background



This preview shows how black text looks on a background with the YIQ color 164.1300, 88.7250, -38.5950.



This preview shows how white text looks on a background with the YIQ color 164.1300, 88.7250,

-38.5950.

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

164.1300, 88.7250, -38.5950

Protanopia

163.9960, 65.4350, -46.0290

Deuteranopia

163.8200, 86.6620, -39.7540



Tritanopia

178.2880, 43.8280, 20.6920

Trichromacy



Original Color

164.1300, 88.7250, -38.5950

Protanomaly

164.0680, 74.1000, -43.3720

Deuteranomaly

164.1190, 87.2580, -39.5420

Tritanomaly

172.8990, 60.2000, -0.6960

Monochromacy



Original Color

164.1300, 88.7250, -38.5950

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.7380, 32.3720, -13.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.1300, 88.7250, -38.5950 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(225, 165, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 165, 0)  
}
```

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(225, 165, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 165, 0) }
```

Border

The CSS property to change the border of an element to YIQ 164.1300, 88.7250, -38.5950 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(225, 165, 0) }
```


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

```
.border{ border-color:rgb(225, 165, 0) }
```

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

Here you see how a box with a 4 pixel rgb(225, 165, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 165, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 165, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 165,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 164.1300, 88.7250, -38.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 165, 0) }
```

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

```
.background{ background-color: rgb(225,  
165, 0) }
```

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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