

Converting Colors

YIQ(108.6200, 109.5780, 7.5140)

Have a look what the booklet for
YIQ(108.6200, 109.5780, 7.5140)
contains.

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Color

**YIQ(108.6200, 109.5780,
7.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	DA4A00
RGB	218, 74, 0
RGB Percent	85%, 29%, 0%
CMY	0.1448, 0.7100, 0.9995
CMYK	0.00, 0.66, 1.00, 0.14
HSL	20°, 100%, 43%
HSV	20°, 100%, 86%
XYZ	31.3815, 19.8068, 2.1727
YIQ	108.6200, 109.5780, 7.5140

Conversions

Conversions Part 2

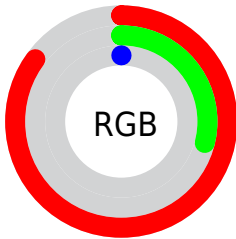
Format	Color
R _Y B	218, 112, 0
Decimal	14305792
CIE Lab	51.62, 54.12, 62.34
CIE LCh	52, 82.553, 49.034
Yxy	19.8068, 0.5881, 0.3712
Android (android.graphics.Color)	4292495872 (0xFFDA4A00)
YUV	108.6200, -53.5497, 95.9263
Hunter-Lab	44.5049, 47.9813, 28.2589

Details

The YIQ color **108.6200, 109.5780, 7.5140** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **109.3800, -109.5780, -7.5140**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9220, 96.9240, 5.5640**, and **48.3940, 90.6840, 30.5560** is the 20% darker color. If you saturate the color by 10%, you get **108.6200, 109.5780, 7.5140**, and if you desaturate by 10%, it is **119.3460, 98.6660, 7.0340**.

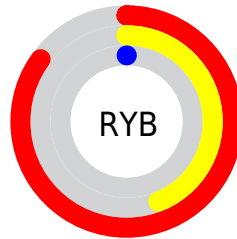
Distribution



Red (85%)

Green (29%)

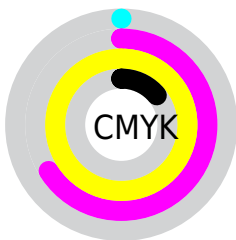
Blue (0%)



Red (85%)

Yellow (44%)

Blue (0%)

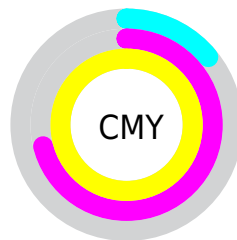


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.6200, 109.5780, 7.5140 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 108.6200, 109.5780, 7.5140 by changing the saturation by 10% instead.

108.6200,
109.5780, 7.5140

108.6200,
109.5780, 7.5140

254.6580, 0.9630,
-0.9330

82.0290, 98.4810,
15.8970

158.9220, 96.9240,
5.5640

48.3940, 90.6840,
30.5560

178.3220, 80.8780,
-0.9940

36.7770, 73.3080,
26.0760

197.7220, 64.8320,
-7.5520

27.5080, 54.8320,
19.5040

217.8230, 48.1900,
-14.3220

19.3640, 37.5020,
14.1900

237.9240, 31.5480,
-21.0920

9.6820, 18.7510,
7.0950

248.1600, 19.2600,

0.0000, 0.0000,

-18.6600

0.0000

■ 251.3520, 10.2720,
-9.9520

■ 108.6200,
109.5780, 7.5140

■ 119.3460, 98.6660,
7.0340

■ 130.6590, 87.4790,
6.0310

■ 141.3850, 76.5670,
5.5510

■ 152.5840, 65.7010,
4.2370

■ 163.3100, 54.7890,
3.7570

■ 174.0360, 43.8770,
3.2770

■ 185.3490, 32.6900,
2.2740

■ 196.0750, 21.7780,
1.7940

■ 207.2740, 10.9120,
0.4800

Harmonies

Analogous

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



89.3370, 114.3350, 70.0070



108.6200, 109.5780, 7.5140



116.2860, 71.3910, -21.8010

Triad

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



108.6200, 109.5780, 7.5140



99.3530, -71.6990, -49.7390



97.1620, -113.7550, 18.6370

Complementary

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



108.6200, 109.5780, 7.5140



109.3800, -109.5780, -7.5140

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.



111.2500, -120.3550, 6.0850



108.6200, 109.5780, 7.5140



108.8490, -95.6820, -28.0820

Square

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



108.6200, 109.5780, 7.5140



85.1150, -39.8750, -75.8350



114.2700, -115.0800, -6.9200



123.4580, 15.8520, 65.1640

Rectangle

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



108.6200, 109.5780, 7.5140



113.7180, 43.1510, -38.6490



114.2700, -115.0800, -6.9200



103.0320, -116.5050, 13.4070

Sweetspot

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



108.6200, 109.5780, 7.5140



216.3990, 38.4210, 3.0370



81.7120, 83.3830, 91.3110



104.5590, 23.2910, 1.9070



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.



108.6200, 109.5780, 7.5140



126.7270, 128.3300, 9.0820



172.0160, 79.8780, -48.9700



104.0500, 5.7310, 0.7630



86.3600, 86.8830, 5.8190



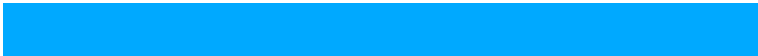
23.1460, 23.0160, 1.3840

Inverse Universe

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



109.3800, -109.5780, -7.5140



128.2730, -128.3300, -9.0820



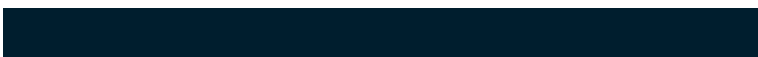
45.9840, -79.8780, 48.9700



104.3630, -5.4560, -0.2400



87.2270, -87.1580, -6.3420



22.8540, -23.0160, -1.3840

Previews

White Background



This preview shows how the YIQ color 108.6200, 109.5780, 7.5140 looks on a white background.

Color Contrast Check

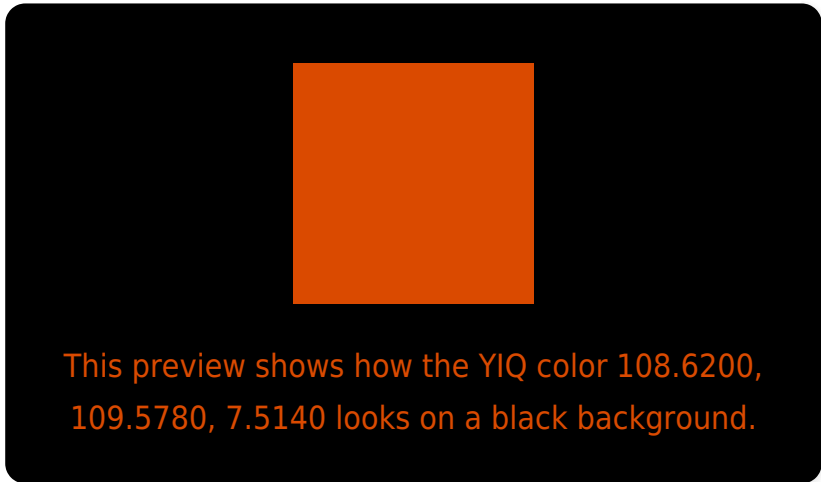
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

YIQ 108.6200, 109.5780, 7.5140

Background



This preview shows how black text looks on a background with the YIQ color 108.6200, 109.5780, 7.5140.



This preview shows how white text looks on a background with the YIQ color 108.6200, 109.5780,

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

108.6200, 109.5780, 7.5140

Protanopia

116.9710, 41.3610, -28.2310

Deuteranopia

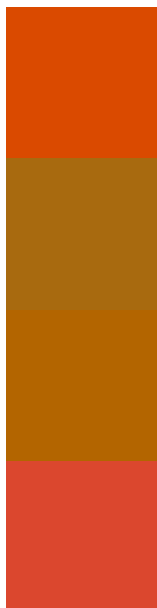
115.3230, 60.8010, -28.1190



Tritanopia

114.1920, 88.4370, 32.7330

Trichromacy



Original Color

108.6200, 109.5780, 7.5140

Protanomaly

114.1640, 66.1630, -15.1570

Deuteranomaly

112.8080, 78.9090, -14.8750

Tritanomaly

112.4020, 96.2330, 23.6010

Monochromacy



Original Color

108.6200, 109.5780, 7.5140

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7690, 40.2550, 2.8390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.6200, 109.5780, 7.5140 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(218, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 74, 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(218, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 74, 0) }
```

Border

The CSS property to change the border of an element to YIQ 108.6200, 109.5780, 7.5140 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(218, 74, 0) }
```


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

```
.border{ border-color:rgb(218, 74, 0) }
```

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

Here you see how a box with a 4 pixel rgb(218, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(218, 74, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 108.6200, 109.5780, 7.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 74, 0) }
```

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

```
.background{ background-color: rgb(218, 74,  
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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