

Converting Colors

YIQ(178.3170, 95.3280,
-42.6240)

Have a look what the booklet for
YIQ(178.3170, 95.3280, -42.6240)
contains.

YIQ(178.3170, 95.3280, -42.6240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(178.3170, 95.3280,
-42.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B400
RGB	243, 180, 0
RGB Percent	95%, 71%, 0%
CMY	0.0470, 0.2942, 0.9994
CMYK	0.00, 0.26, 1.00, 0.05
HSL	44°, 100%, 48%
HSV	44°, 100%, 95%
XYZ	53.2820, 51.6883, 7.1724
YIQ	178.3170, 95.3280, -42.6240

Conversions

Conversions Part 2

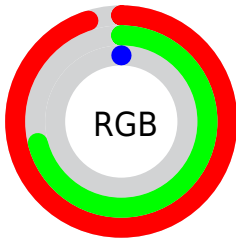
Format	Color
R_{YB}	85, 243, 0
Decimal	15971328
CIE Lab	77.09, 11.00, 79.73
CIE LCh	77, 80.490, 82.142
Yxy	51.6883, 0.4751, 0.4609
Android (android.graphics.Color)	4294161408 (0xFFFF3B400)
YUV	178.3170, -87.9103, 56.7270
Hunter-Lab	71.8946, 6.4731, 44.4113

Details

The YIQ color **178.3170, 95.3280, -42.6240** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **64.6830, -95.3280, 42.6240**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.5380, 61.0330, -43.3430**, and **129.2550, 72.6760, -28.5720** is the 20% darker color. If you saturate the color by 10%, you get **178.3170, 95.3280, -42.6240**, and if you desaturate by 10%, it is **184.5750, 85.9740, -38.2980**.

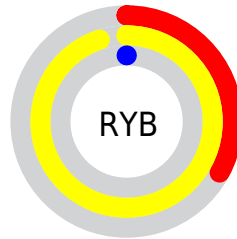
Distribution



Red (95%)

Green (71%)

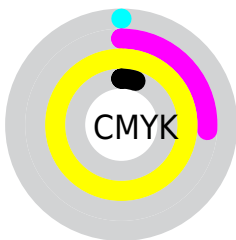
Blue (0%)



Red (33%)

Yellow (95%)

Blue (0%)

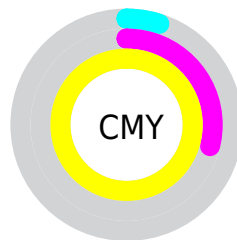


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.3170, 95.3280, -42.6240 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 178.3170, 95.3280, -42.6240 by changing the saturation by 10% instead.

178.3170, 95.3280,
-42.6240

178.3170, 95.3280,
-42.6240

255.0000, -0.0000,
-0.0000

153.1990, 84.2770,
-35.0750

223.5380, 61.0330,
-43.3430

129.2550, 72.6760,
-28.5720

238.5840, 46.2240,
-44.7840

105.6100, 61.6710,
-21.8570

241.7760, 37.2360,
-36.0760

82.5520, 50.3910,
-15.6650

245.0820, 27.9270,
-27.0570

60.6790, 40.0280,
-9.5720

248.3880, 18.6180,
-18.0380

40.2790, 29.7110,
-4.3130

251.6940, 9.3090,

20.7650, 19.7150,

-9.0190

0.6350

■ 0.0000, 0.0000,
0.0000

■ 178.3170, 95.3280,
-42.6240

■ 184.5750, 85.9740,
-38.2980

■ 191.5340, 76.0240,
-34.1840

■ 197.7920, 66.6700,
-29.8580

■ 204.0500, 57.3160,
-25.5320

■ 211.0090, 47.3660,
-21.4180

■ 217.2670, 38.0120,
-17.0920

■ 223.5250, 28.6580,
-12.7660

■ 229.8970, 18.9830,
-8.1290

■ 236.7420, 9.3540,
-4.3260

Harmonies

Analogous

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



171.9160, 87.8930, -1.4750



178.3170, 95.3280, -42.6240



173.2820, 40.5420, -62.9620

Triad

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



178.3170, 95.3280, -42.6240



160.0050, -140.5200, -41.4800



190.4300, 30.2500, 57.5300

Complementary

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



178.3170, 95.3280, -42.6240



64.6830, -95.3280, 42.6240

Split Complementary

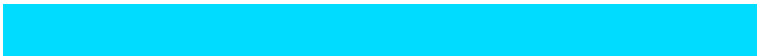
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



178.9930, -41.6800, 17.4880



178.3170, 95.3280, -42.6240



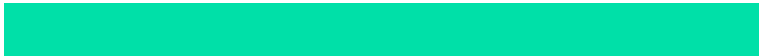
158.2100, -142.3550, -35.7550

Square

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



178.3170, 95.3280, -42.6240



150.6400, -115.5280, -64.9040



149.4050, -138.2300, -27.9100



169.2060, 51.4320, 59.1120

Rectangle

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



178.3170, 95.3280, -42.6240



166.9830, -12.7800, -65.7720



149.4050, -138.2300, -27.9100



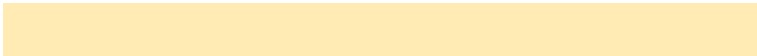
190.0100, 13.5170, 46.9010

Sweetspot

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



178.3170, 95.3280, -42.6240



234.5960, 29.8960, -13.1760



80.0670, 123.9630, 71.7310



115.7120, 18.0660, -8.0300



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.



178.3170, 95.3280, -42.6240



187.1880, 100.0050, -44.7870



198.2550, 44.0310, -87.6570



118.8710, 4.6770, -2.1630



136.6200, 72.9060, -32.7420



42.8820, 23.3390, -9.9810

Inverse Universe

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



64.6830, -95.3280, 42.6240



67.8120, -100.0050, 44.7870



44.7450, -44.0310, 87.6570



113.1290, -4.6770, 2.1630



49.3800, -72.9060, 32.7420



15.5310, -23.0640, 10.5040

Previews

White Background



This preview shows how the YIQ color 178.3170, 95.3280, -42.6240 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 178.3170, 95.3280, -42.6240 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 178.3170, 95.3280, -42.6240

Background



This preview shows how black text looks on a background with the YIQ color 178.3170, 95.3280, -42.6240.



This preview shows how white text looks on a background with the YIQ color 178.3170, 95.3280, -42.6240.

-42.6240.

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

178.3170, 95.3280, -42.6240

Protanopia

177.9980, 71.1210, -49.9590

Deuteranopia

178.3060, 93.8610, -43.5710



Tritanopia

193.8970, 46.4870, 22.0630

Trichromacy



Original Color

178.3170, 95.3280, -42.6240

Protanomaly

178.0700, 79.7860, -47.3020

Deuteranomaly

178.6050, 94.4570, -43.3590

Tritanomaly

188.5250, 64.1890, -1.4030

Monochromacy



Original Color

178.3170, 95.3280, -42.6240

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.3530, 34.8940, -15.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3170, 95.3280, -42.6240 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(243, 180, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 180, 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(243, 180, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 180, 0) }
```

Border

The CSS property to change the border of an element to YIQ 178.3170, 95.3280, -42.6240 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(243, 180, 0) }
```


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

```
.border{ border-color:rgb(243, 180, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 180, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 180, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 180, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 180,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3170, 95.3280, -42.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 180, 0) }
```

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

```
.background{ background-color: rgb(243,  
180, 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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