

Converting Colors

YIQ(204.2700, -45.1590,
-13.0870)

Have a look what the booklet for
YIQ(204.2700, -45.1590, -13.0870)
contains.

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Color

**YIQ(204.2700, -45.1590,
-13.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	99E1E8
RGB	153, 225, 232
RGB Percent	60%, 88%, 91%
CMY	0.4002, 0.1175, 0.0904
CMYK	0.34, 0.03, 0.00, 0.09
HSL	185°, 63%, 75%
HSV	185°, 34%, 91%
XYZ	54.6210, 66.4585, 86.2578
YIQ	204.2700, -45.1590, -13.0870

Conversions

Conversions Part 2

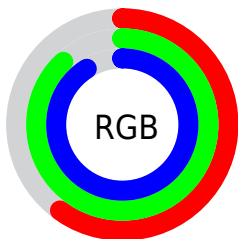
Format	Color
RYB	153, 191, 232
Decimal	10084840
CIELab	85.23, -20.64, -10.52
CIELCh	85, 23.167, 207.020
Yxy	66.4585, 0.2634, 0.3205
Android (android.graphics.Color)	4288274920 (0xFF99E1E8)
YUV	204.2700, 13.6709, -44.9638
Hunter-Lab	81.5221, -23.0659, -5.6688

Details

The YIQ color **204.2700, -45.1590, -13.0870** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180.7300, 45.1590, 13.0870**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.5450, -26.8200, -9.5400**, and **149.1560, -44.8380, -13.3980** is the 20% darker color. If you saturate the color by 10%, you get **196.2190, -58.3170, -16.9170**, and if you desaturate by 10%, it is **212.3210, -32.0010, -9.2570**.

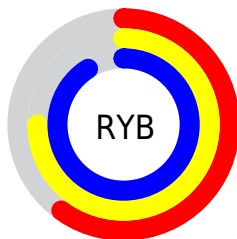
Distribution



Red (60%)

Green (88%)

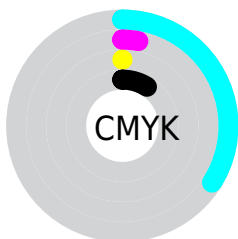
Blue (91%)



Red (60%)

Yellow (75%)

Blue (91%)

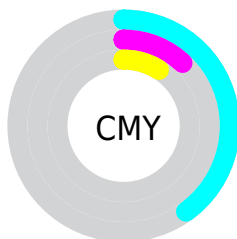


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (40%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.2700, -45.1590, -13.0870 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 204.2700, -45.1590, -13.0870 by changing the saturation by 10% instead.

■ 204.2700,
-45.1590, -13.0870

■ 204.2700,
-45.1590, -13.0870

■ 255.0000, -0.0000,
-0.0000

■ 176.2700,
-45.1590, -13.0870

■ 241.5450,
-26.8200, -9.5400

■ 149.1560,
-44.8380, -13.3980

■ 250.2160, -9.5360,
-3.3920

■ 121.9710,
-45.7550, -13.2990

■ 95.0740, -47.5430,
-13.9350

■ 65.2900, -57.0790,
-17.3270

■ 49.0530, -43.0500,
-12.7620

■ 33.0440, -29.6630,

-7.5750

■ 19.3830, -17.3760,
-4.4800

■ 0.6840, -1.9260,
1.8660

■ 204.2700,
-45.1590, -13.0870

■ 204.2700,
-45.1590, -13.0870

■ 196.2190,
-58.3170, -16.9170

■ 212.3210,
-32.0010, -9.2570

■ 188.1680,
-71.4750, -20.7470

■ 220.3720,
-18.8430, -5.4270

■ 179.8180,
-85.2290, -24.7890

■ 228.7220, -5.0890,
-1.3850

■ 171.7670,
-98.3870, -28.6190

■ 236.7730, 8.0690,
2.4450

■ 163.7160,
-111.5450, -32.4490

■ 240.6380, 12.8830,
3.3070

■ 155.6650,
-124.7030, -36.2790

■ 241.8120, 12.3330,
2.2610

■ 150.8920,
-132.7720, -38.7240

■ 242.9860, 11.7830,
1.2150

■ 244.1600, 11.2330,
0.1690

■ 245.3340, 10.6830,
-0.8770

Harmonies

Analogous

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



204.4530, -32.7330, -18.0210



204.2700, -45.1590, -13.0870



206.8390, -45.0230, -4.5350

Triad

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



204.2700, -45.1590, -13.0870



216.4660, 11.0920, 19.2520



212.4910, 25.9980, -8.6100

Complementary

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



204.2700, -45.1590, -13.0870



180.7300, 45.1590, 13.0870

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.



214.6760, 36.0830, 1.3550



204.2700, -45.1590, -13.0870



217.0950, 28.1940, 17.6820

Square

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



204.2700, -45.1590, -13.0870



214.8100, -10.5480, 14.9560



215.1740, 34.9810, 10.3170



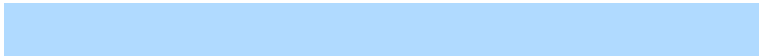
209.9940, 8.1640, -15.8040

Rectangle

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



204.2700, -45.1590, -13.0870



209.6600, -36.9090, 2.6030



215.1740, 34.9810, 10.3170



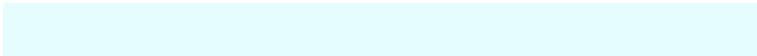
213.0510, 30.3530, -4.9350

Sweetspot

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



204.2700, -45.1590, -13.0870



246.3510, -14.3500, -4.2540



200.1710, -23.9720, -39.1400



122.0420, -8.9860, -2.3460



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.



204.2700, -45.1590, -13.0870



218.3220, -60.1050, -17.5530



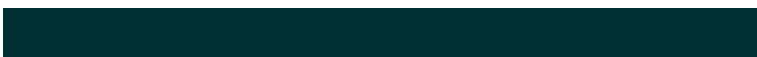
181.3770, -34.4340, 7.3100



110.8250, -6.8770, -2.0210



116.0870, -102.2840, -29.5800



33.4030, -29.2960, -8.7200

Inverse Universe

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



184.8290, 23.9720, 39.1400



192.3390, 31.7640, 52.1160



203.6230, 34.4340, -7.3100



107.8420, 3.6210, 5.9650



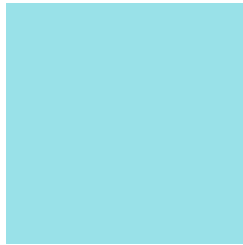
72.1030, 54.3610, 88.6410



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 204.2700, -45.1590, -13.0870 looks on a white background.

Color Contrast Check

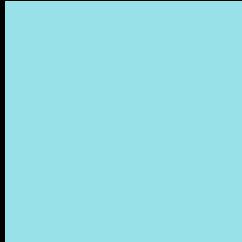
Large Text (above 18pt) WCAG AA × Fail

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 204.2700, -45.1590, -13.0870 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 204.2700, -45.1590, -13.0870 Background



This preview shows how black text looks on a background with the YIQ color 204.2700, -45.1590, -13.0870.



This preview shows how white text looks on a background with the YIQ color 204.2700, -45.1590, -13.0870.

-13.0870.

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

204.2700, -45.1590, -13.0870

Protanopia

212.9660, -2.6600, 4.1560

Deuteranopia

214.2040, -0.0940, 12.7220



Tritanopia

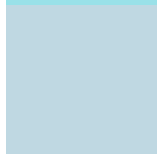
205.3070, -46.5810, -9.3410

Trichromacy



Original Color

204.2700, -45.1590, -13.0870



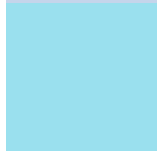
Protanomaly

209.6650, -18.1100, -2.1900



Deuteranomaly

210.7240, -16.5980, 3.4500



Tritanomaly

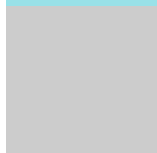
204.6660, -46.2140, -10.4860

Monochromacy



Original Color

204.2700, -45.1590, -13.0870



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

204.1550, -16.7340, -5.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.2700, -45.1590, -13.0870 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(153, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(153, 225, 232)  
}
```

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(153, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 225, 232) }
```

Border

The CSS property to change the border of an element to YIQ 204.2700, -45.1590, -13.0870 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(153, 225, 232) }
```


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

```
.border{ border-color:rgb(153, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(153, 225,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 204.2700, -45.1590, -13.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 225, 232) }
```

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

```
.background{ background-color: rgb(153,  
225, 232) }
```

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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