

Converting Colors

YIQ(207.0520, 3.3900, 15.6620)

Have a look what the booklet for
YIQ(207.0520, 3.3900, 15.6620)
contains.

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Color

**YIQ(207.0520, 3.3900,
15.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC4E6
RGB	220, 196, 230
RGB Percent	86%, 77%, 90%
CMY	0.1372, 0.2314, 0.0980
CMYK	0.04, 0.15, 0.00, 0.10
HSL	282°, 40%, 84%
HSV	282°, 15%, 90%
XYZ	63.5414, 60.4071, 83.1712
YIQ	207.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

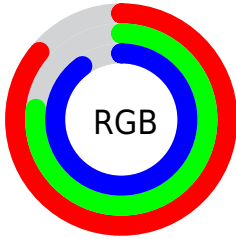
Format	Color
R _Y B	220, 196, 230
Decimal	14468326
CIE Lab	82.06, 14.53, -13.76
CIE LCh	82, 20.008, 316.561
Yxy	60.4071, 0.3068, 0.2917
Android (android.graphics.Color)	4292658406 (0xFFDCC4E6)
YUV	207.0520, 11.3134, 11.3554
Hunter-Lab	77.7220, 9.9186, -9.0415

Details

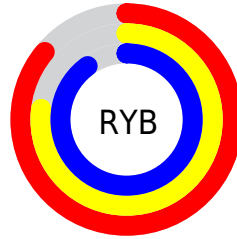
The YIQ color $207.0520, 3.3900, 15.6620$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $218.9480, -3.3900, -15.6620$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5500, 1.0460$, and $152.5250, 3.4360, 14.8280$ is the 20% darker color. If you saturate the color by 10%, you get $191.4580, 5.5430, 26.2070$, and if you desaturate by 10%, it is $222.6460, 1.2370, 5.1170$.

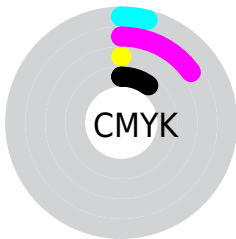
Distribution



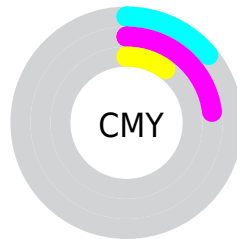
- Red (86%)
- Green (77%)
- Blue (90%)



- Red (86%)
- Yellow (77%)
- Blue (90%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.0520, 3.3900, 15.6620 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 207.0520, 3.3900, 15.6620 by changing the saturation by 10% instead.

207.0520, 3.3900,
15.6620

207.0520, 3.3900,
15.6620

255.0000, -0.0000,
-0.0000

179.6390, 3.1150,
15.1390

253.8260, 0.5500,
1.0460

152.5250, 3.4360,
14.8280

126.8130, 2.5650,
14.0930

101.6990, 2.8860,
13.7820

77.2860, 2.6110,
13.2590

54.7590, 2.6570,
12.4250

33.0470, 1.7860,

11.6900

■ 10.5960, 4.6740,
14.4180

■ 0.0000, 0.0000,
0.0000

■ 207.0520, 3.3900,
15.6620

■ 207.0520, 3.3900,
15.6620

■ 191.4580, 5.5430,
26.2070

■ 222.6460, 1.2370,
5.1170

■ 176.1630, 8.2920,
36.9640

■ 238.2400, -0.9160,
-5.4280

■ 160.5690, 10.4450,
47.5090

■ 247.6650, -0.9150,
-10.9550

■ 144.9750, 12.5980,
58.0540

■ 249.7580, 3.2570,
-9.4710

■ 129.3810, 14.7510,
68.5990

■ 251.8510, 7.4290,
-7.9870

■ 114.0860, 17.5000,
79.3560

■ 252.1500, 8.0250,
-7.7750

■ 98.4920, 19.6530,
89.9010

■ 82.8980, 21.8060,
100.4460

■ 74.9570, 23.3180,
106.0860

Harmonies

Analogous

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



204.8370, -15.1780, 10.7580



207.0520, 3.3900, 15.6620



207.8490, 20.0790, 16.0710

Triad

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



207.0520, 3.3900, 15.6620



204.4250, 26.3640, -4.2280



196.9460, -35.4390, -13.0310

Complementary

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



207.0520, 3.3900, 15.6620



218.9480, -3.3900, -15.6620

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.



197.7810, -21.9130, -15.8730



207.0520, 3.3900, 15.6620



202.2660, 13.3900, -11.3940

Square

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



207.0520, 3.3900, 15.6620



205.9300, 32.5520, 4.7760



199.7630, -4.3070, -15.5630



198.3080, -39.1540, -6.2740

Rectangle

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



207.0520, 3.3900, 15.6620



207.6880, 27.7820, 14.1340



199.7630, -4.3070, -15.5630



197.1590, -31.7250, -14.2610

Sweetspot

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



207.0520, 3.3900, 15.6620



248.2330, 0.9620, 4.5940



205.7460, -13.6640, 5.3440



123.2930, 0.7330, 3.2370



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.



207.0520, 3.3900, 15.6620



224.1110, 4.9020, 21.3020



209.2440, 11.5970, 15.6050



106.7600, 0.9160, 5.4280



58.0800, 17.6370, 82.3810



16.5780, 5.0850, 23.4930

Inverse Universe

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



207.3060, 17.0540, 10.3180



224.3500, 22.9220, 14.1060



216.7560, -11.5970, -15.6050



107.0440, 5.8680, 3.7880



59.4490, 89.9920, 54.1200



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 207.0520, 3.3900, 15.6620 looks on a white background.

Color Contrast Check

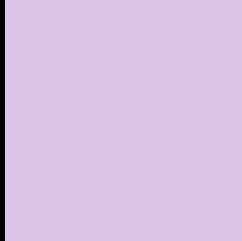
Large Text (above 18pt) WCAG AA × Fail

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 207.0520, 3.3900, 15.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

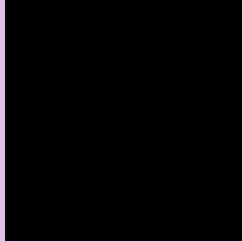
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.0520, 3.3900, 15.6620

Background



This preview shows how black text looks on a background with the YIQ color 207.0520, 3.3900, 15.6620.



This preview shows how white text looks on a background with the YIQ color 207.0520, 3.3900,

15.6620.

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

207.0520, 3.3900, 15.6620

Protanopia

205.3380, -12.3350, 8.7930

Deuteranopia

206.3070, -1.8820, 12.0860



Tritanopia

206.3910, 6.5090, 8.6930

Trichromacy



Original Color

207.0520, 3.3900, 15.6620

Protanomaly

205.8550, -6.4210, 11.7470

Deuteranomaly

206.6170, 0.1810, 13.2450

Tritanomaly

206.7870, 5.4540, 11.2940

Monochromacy



Original Color

207.0520, 3.3900, 15.6620

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.0520, 3.3900, 15.6620 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, 196, 230)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 230)  
}
```

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, 196, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 230) }
```

Border

The CSS property to change the border of an element to YIQ 207.0520, 3.3900, 15.6620 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, 196, 230) }
```


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

```
.border{ border-color:rgb(220, 196, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 196, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 196, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 196, 230);  
box-shadow:4px 4px 4px 4px rgb(220, 196,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 207.0520, 3.3900, 15.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 196, 230) }
```

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

```
.background{ background-color: rgb(220,  
196, 230) }
```

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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