

Converting Colors

YIQ(203.1320, 0.4090, 20.1290)

Have a look what the booklet for
YIQ(203.1320, 0.4090, 20.1290)
contains.

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Color

**YIQ(203.1320, 0.4090,
20.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BEED
RGB	216, 190, 237
RGB Percent	85%, 75%, 93%
CMY	0.1528, 0.2549, 0.0706
CMYK	0.09, 0.20, 0.00, 0.07
HSL	273°, 57%, 84%
HSV	273°, 20%, 93%
XYZ	62.0216, 57.5386, 87.9511
YIQ	203.1320, 0.4090, 20.1290

Conversions

Conversions Part 2

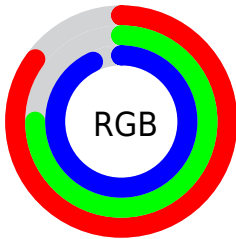
Format	Color
R _Y B	216, 190, 237
Decimal	14204653
CIE Lab	80.48, 17.81, -19.91
CIE LCh	80, 26.719, 311.813
Yxy	57.5386, 0.2989, 0.2773
Android (android.graphics.Color)	4292394733 (0xFFD8BEED)
YUV	203.1320, 16.6969, 11.2852
Hunter-Lab	75.8542, 13.2044, -15.6474

Details

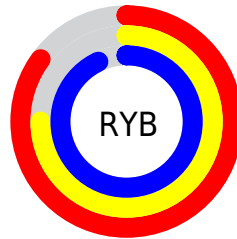
The YIQ color $203.1320, 0.4090, 20.1290$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.8680, -0.4090, -20.1290$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $149.1920, 0.1800, 18.7720$ is the 20% darker color. If you saturate the color by 10%, you get $185.7550, 0.4530, 30.3490$, and if you desaturate by 10%, it is $220.5090, 0.3650, 9.9090$.

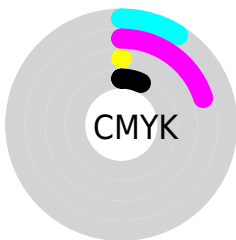
Distribution



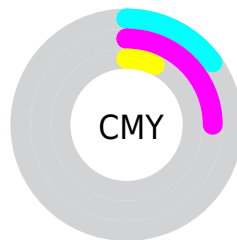
- Red (85%)
- Green (75%)
- Blue (93%)



- Red (85%)
- Yellow (75%)
- Blue (93%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.1320, 0.4090, 20.1290 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 203.1320, 0.4090, 20.1290 by changing the saturation by 10% instead.

■ 203.1320, 0.4090,
20.1290

■ 203.1320, 0.4090,
20.1290

■ 255.0000, -0.0000,
-0.0000

■ 175.7190, 0.1340,
19.6060

■ 249.7170, 2.4750,
4.7070

■ 149.1920, 0.1800,
18.7720

■ 122.7790, -0.0950,
18.2490

■ 98.2520, -0.0490,
17.4150

■ 73.8390, -0.3240,
16.8920

■ 51.0130, -0.8740,
15.8460

■ 29.4860, -0.8280,

15.0120

■ 10.2690, 1.2810,
15.3370

■ 1.0260, -2.8890,
2.7990

■ 203.1320, 0.4090,
20.1290

■ 203.1320, 0.4090,
20.1290

■ 185.7550, 0.4530,
30.3490

■ 220.5090, 0.3650,
9.9090

■ 169.2640, 0.8180,
40.2580

■ 237.0000, -0.0000,
-0.0000

■ 151.8870, 0.8620,
50.4780

■ 250.8550, 1.6060,
-7.0820

■ 134.8090, 1.5020,
60.9100

■ 252.9480, 5.7780,
-5.5980

■ 117.4320, 1.5460,
71.1300

■ 100.9410, 1.9110,
81.0390

■ 83.5640, 1.9550,
91.2590

■ 66.1870, 1.9990,
101.4790

Harmonies

Analogous

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



199.8020, -25.2650, 11.8470



203.1320, 0.4090, 20.1290



204.3920, 23.1040, 21.8240

Triad

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



203.1320, 0.4090, 20.1290



200.1010, 36.0840, -4.1720



188.9120, -47.2670, -18.9390

Complementary

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



203.1320, 0.4090, 20.1290



223.8680, -0.4090, -20.1290

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.



191.3410, -26.7260, -22.2620



203.1320, 0.4090, 20.1290



197.3930, 20.2220, -14.0660

Square

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



203.1320, 0.4090, 20.1290



202.1870, 42.1340, 7.3340



194.3840, -1.9220, -20.2420



189.4630, -55.8880, -11.3760

Rectangle

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



203.1320, 0.4090, 20.1290



203.9710, 34.4750, 19.4910



194.3840, -1.9220, -20.2420



189.3810, -41.3980, -20.6780

Sweetspot

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



203.1320, 0.4090, 20.1290



244.1020, -0.0470, 6.3610



207.6850, -20.8620, 3.6340



121.5210, 0.0910, 3.8590



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.



203.1320, 0.4090, 20.1290



211.1200, 0.6830, 26.1790



209.1830, 13.5670, 23.9590



109.0480, 0.0450, 4.6930



50.5340, 1.4990, 77.4910



15.1260, 0.5460, 23.1540

Inverse Universe

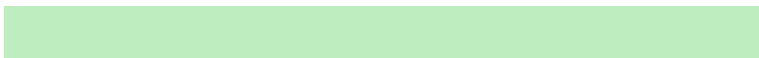
The Inverse Universe completely reimagines the original color for something new.



206.4470, 21.2710, 16.4950



215.3170, 27.6890, 21.3290



217.8170, -13.5670, -23.9590



109.8590, 4.9510, 3.8870



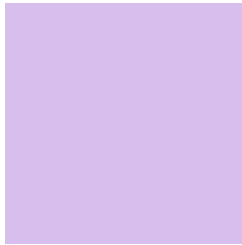
63.3530, 81.8750, 63.5630



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 203.1320, 0.4090, 20.1290 looks on a white background.

Color Contrast Check

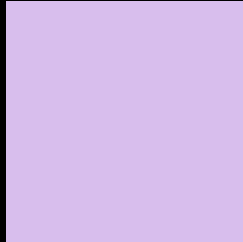
Large Text (above 18pt) WCAG AA × Fail

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 203.1320, 0.4090, 20.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

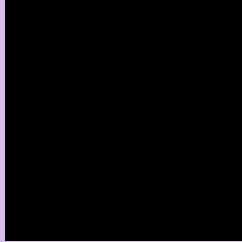
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.1320, 0.4090, 20.1290

Background



This preview shows how black text looks on a background with the YIQ color 203.1320, 0.4090, 20.1290.



This preview shows how white text looks on a background with the YIQ color 203.1320, 0.4090,

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

203.1320, 0.4090, 20.1290

Protanopia

200.6240, -18.8920, 11.9880

Deuteranopia

201.7670, -8.9890, 14.2350



Tritanopia

201.7930, 5.3170, 8.2690

Trichromacy



Original Color

203.1320, 0.4090, 20.1290

Protanomaly

201.3260, -12.0610, 14.8430

Deuteranomaly

202.0880, -5.4590, 16.3410

Tritanomaly

202.0580, 3.2530, 12.6370

Monochromacy



Original Color

203.1320, 0.4090, 20.1290

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.1320, 0.4090, 20.1290 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(216, 190, 237)` looks like.

```
.text, #text, p{  
    color:rgb(216, 190, 237)  
}
```

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(216, 190, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 237) }
```

Border

The CSS property to change the border of an element to YIQ 203.1320, 0.4090, 20.1290 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(216, 190, 237) }
```


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

```
.border{ border-color:rgb(216, 190, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 237);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 203.1320, 0.4090, 20.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 237) }
```

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

```
.background{ background-color: rgb(216,  
190, 237) }
```

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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