

Converting Colors

YIQ(155.2090, -6.5170, 35.5230)

Have a look what the booklet for
YIQ(155.2090, -6.5170, 35.5230)
contains.

YIQ(155.2090, -6.5170, 35.5230)	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(155.2090, -6.5170,
35.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	AB86DF
RGB	171, 134, 223
RGB Percent	67%, 53%, 87%
CMY	0.3293, 0.4746, 0.1256
CMYK	0.23, 0.40, 0.00, 0.13
HSL	265°, 58%, 70%
HSV	265°, 40%, 87%
XYZ	38.6416, 31.0344, 73.7486
YIQ	155.2090, -6.5170, 35.5230

Conversions

Conversions Part 2

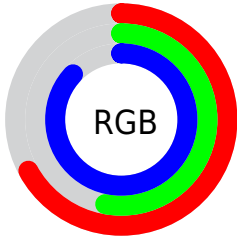
Format	Color
RYB	171, 134, 223
Decimal	11241183
CIELab	62.54, 31.88, -40.23
CIElCh	63, 51.335, 308.395
Yxy	31.0344, 0.2694, 0.2164
Android (android.graphics.Color)	4289431263 (0xFFAB86DF)
YUV	155.2090, 33.4210, 13.8487
Hunter-Lab	55.7085, 26.3245, -39.4938

Details

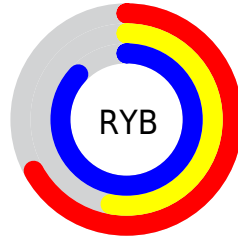
The YIQ color $155.2090, -6.5170, 35.5230$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $201.7910, 6.5170, -35.5230$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $207.5980, 2.3330, 29.3170$, and $103.3290, -6.9750, 32.8090$ is the 20% darker color. If you saturate the color by 10%, you get $138.4080, -8.2150, 44.2730$, and if you desaturate by 10%, it is $172.0100, -4.8190, 26.7730$.

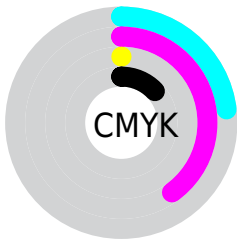
Distribution



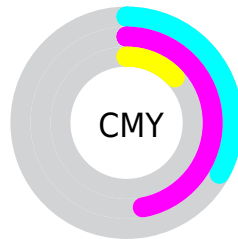
- Red (67%)
- Green (53%)
- Blue (87%)



- Red (67%)
- Yellow (53%)
- Blue (87%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2090, -6.5170, 35.5230 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 155.2090, -6.5170, 35.5230 by changing the saturation by 10% instead.

■ 155.2090, -6.5170,
35.5230

■ 155.2090, -6.5170,
35.5230

255.0000, -0.0000,
-0.0000

■ 128.6820, -6.4710,
34.6890

■ 207.5980, 2.3330,
29.3170

■ 103.3290, -6.9750,
32.8090

■ 232.1070, 10.7250,
20.3970

■ 78.5030, -7.5250,
31.7630

■ 248.5430, 3.0250,
5.7530

■ 54.2640, -8.3500,
30.1940

■ 30.7260, -9.7710,
28.4130

■ 11.7100, -12.8420,
23.4940

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 155.2090, -6.5170,
35.5230

■ 155.2090, -6.5170,
35.5230

■ 138.4080, -8.2150,
44.2730

■ 172.0100, -4.8190,
26.7730

■ 121.0200, -9.6380,
53.5460

■ 189.3980, -3.3960,
17.5000

■ 104.2190,
-11.3360, 62.2960

■ 206.1990, -1.6980,
8.7500

■ 87.4180, -13.0340,
71.0460

■ 223.0000, -0.0000,
-0.0000

■ 70.0300, -14.4570,
80.3190

■ 239.8010, 1.6980,
-8.7500

■ 53.2290, -16.1550,
89.0690

■ 249.5580, 6.6960,
-11.2240

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



143.9070, -64.9250, 14.7470



155.2090, -6.5170, 35.5230



154.7660, 37.4510, 42.6590

Triad

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



155.2090, -6.5170, 35.5230



148.8250, 63.0440, -8.1880



120.7200, -100.1730, -40.3090

Complementary

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



155.2090, -6.5170, 35.5230



201.7910, 6.5170, -35.5230

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.



126.1480, -60.6960, -45.4000



155.2090, -6.5170, 35.5230



145.5300, 38.2890, -27.6230

Square

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



155.2090, -6.5170, 35.5230



149.9690, 72.3470, 15.9550



140.2030, -0.6350, -38.0670



124.5620, -113.7470, -25.5790

Rectangle

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



155.2090, -6.5170, 35.5230



152.3090, 57.6710, 39.6470



140.2030, -0.6350, -38.0670



118.8960, -95.0370, -45.2850

Sweetspot

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



155.2090, -6.5170, 35.5230



231.4210, -2.2030, 12.3970



175.2570, -43.1440, -0.0400



114.1450, -1.6060, 7.0820



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.



155.2090, -6.5170, 35.5230



162.1570, -8.7660, 48.7540



168.0660, 19.1110, 44.6390



103.7490, -0.5510, 4.4810



41.8910, -12.9880, 70.2120



11.4520, -3.4880, 19.1680

Inverse Universe

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



166.5390, 36.3520, 35.0400



177.5720, 49.9210, 47.9450



188.9340, -19.1110, -44.6390



105.0870, 4.3090, 4.5090



64.3660, 71.8330, 69.3450



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 155.2090, -6.5170, 35.5230 looks on a white background.

Color Contrast Check

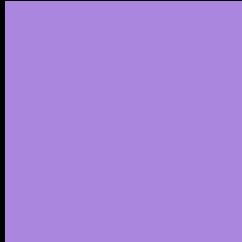
Large Text (above 18pt) WCAG AA × Fail

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 155.2090, -6.5170, 35.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

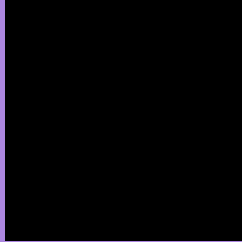
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.2090, -6.5170, 35.5230

Background



This preview shows how black text looks on a background with the YIQ color 155.2090, -6.5170, 35.5230.



This preview shows how white text looks on a background with the YIQ color 155.2090, -6.5170,

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

155.2090, -6.5170, 35.5230

Protanopia

150.1330, -44.8900, 20.5980

Deuteranopia

150.2060, -37.9660, 16.2580



Tritanopia

152.8420, 3.6210, 5.9650

Trichromacy



Original Color

155.2090, -6.5170, 35.5230

Protanomaly

152.4230, -30.9070, 25.9970

Deuteranomaly

151.8810, -26.5050, 23.3110

Tritanomaly

153.7250, -0.0030, 16.5810

Monochromacy



Original Color

155.2090, -6.5170, 35.5230

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.9480, -2.2490, 13.2310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2090, -6.5170, 35.5230 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(171, 134, 223)` looks like.

```
.text, #text, p{  
    color:rgb(171, 134, 223)  
}
```

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(171, 134, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 134, 223) }
```

Border

The CSS property to change the border of an element to YIQ 155.2090, -6.5170, 35.5230 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(171, 134, 223) }
```


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

```
.border{ border-color:rgb(171, 134, 223) }
```

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

Here you see how a box with a 4 pixel rgb(171, 134, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 134, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 134, 223);  
box-shadow:4px 4px 4px 4px rgb(171, 134,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2090, -6.5170, 35.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 134, 223) }
```

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

```
.background{ background-color: rgb(171,  
134, 223) }
```

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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