

Converting Colors

YIQ(144.6000, 35.5230, 55.5790)

Have a look what the booklet for
YIQ(144.6000, 35.5230, 55.5790)
contains.

YIQ(144.6000, 35.5230, 55.5790)	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(144.6000, 35.5230,
55.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	D563C8
RGB	213, 99, 200
RGB Percent	84%, 39%, 78%
CMY	0.1644, 0.6119, 0.2156
CMYK	0.00, 0.54, 0.06, 0.16
HSL	307°, 58%, 61%
HSV	307°, 54%, 84%
XYZ	42.3498, 27.2444, 57.6800
YIQ	144.6000, 35.5230, 55.5790

Conversions

Conversions Part 2

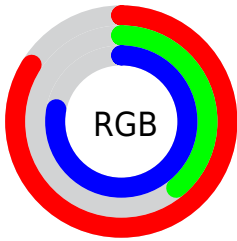
Format	Color
R _{YB}	213, 99, 200
Decimal	13984712
CIE _{Lab}	59.20, 57.76, -32.17
CIE _{LCh}	59, 66.111, 330.880
Yxy	27.2444, 0.3327, 0.2141
Android (android.graphics.Color)	4292174792 (0xFFD563C8)
YUV	144.6000, 27.3122, 59.9868
Hunter-Lab	52.1962, 53.4842, -28.9818

Details

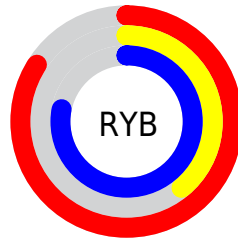
The YIQ color **144.6000, 35.5230, 55.5790** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **167.4000, -35.5230, -55.5790**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 27.7750, 52.8230**, and **87.9420, 34.5600, 56.5120** is the 20% darker color. If you saturate the color by 10%, you get **132.0450, 41.9400, 65.9400**, and if you desaturate by 10%, it is **157.1550, 29.1060, 45.2180**.

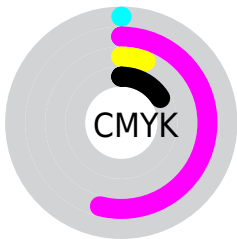
Distribution



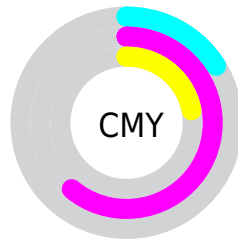
- Red (84%)
- Green (39%)
- Blue (78%)



- Red (84%)
- Yellow (39%)
- Blue (78%)



- Cyan (0%)
- Magenta (54%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (61%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.6000, 35.5230, 55.5790 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 144.6000, 35.5230, 55.5790 by changing the saturation by 10% instead.


 144.6000, 35.5230,
55.5790


 144.6000, 35.5230,
55.5790


255.0000, -0.0000,
-0.0000


 116.3010, 34.9270,
55.3670


 195.7130, 27.7750,
52.8230


 87.9420, 34.5600,
56.5120


 212.1490, 20.0750,
38.1790


 51.9520, 37.7680,
64.4560

 229.1720, 12.1000,
23.0120

 41.0290, 29.7010,
50.9570

 246.1950, 4.1250,
7.8450

 30.1060, 21.6340,
37.4580

 20.7210, 14.9880,
25.7400

 6.8510, -0.5980,

10.8420

■ 0.0000, 0.0000,
0.0000

■ 144.6000, 35.5230,
55.5790

■ 144.6000, 35.5230,
55.5790

■ 132.0450, 41.9400,
65.9400

■ 157.1550, 29.1060,
45.2180

■ 118.7890, 48.9530,
76.5130

■ 170.4110, 22.0930,
34.6450

■ 106.2340, 55.3700,
86.8740

■ 182.9660, 15.6760,
24.2840

■ 93.5650, 62.1080,
96.9240

■ 195.6350, 8.9380,
14.2340

■ 85.2330, 66.2790,
103.9350

■ 208.7770, 2.2460,
3.3500

■ 221.4460, -4.4920,
-6.7000

■ 234.0010,
-10.9090, -17.0610

■ 238.4520,
-13.7970, -19.7890

■ 238.6800,
-14.4390, -19.1670

Harmonies

Analogous

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



144.4210, -27.4250, 39.9910



144.6000, 35.5230, 55.5790



137.3920, 76.9710, 53.3150

Triad

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



144.6000, 35.5230, 55.5790



132.7110, 62.2240, -37.3920



122.1170, -110.9960, -25.8760

Complementary

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



144.6000, 35.5230, 55.5790



167.4000, -35.5230, -55.5790

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.



115.5050, -92.3780, -43.9140



144.6000, 35.5230, 55.5790



127.4260, 14.3140, -50.1820

Square

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



144.6000, 35.5230, 55.5790



137.2420, 83.8590, -5.4610



106.3170, -72.0180, -60.4820



123.4970, -123.1490, -9.3650

Rectangle

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



144.6000, 35.5230, 55.5790



136.2940, 88.3900, 39.0940



106.3170, -72.0180, -60.4820



119.9510, -104.8970, -31.7850

Sweetspot

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



144.6000, 35.5230, 55.5790



230.3630, 12.8800, 19.8880



115.2850, -30.0380, 37.7860



112.9830, 7.8380, 12.1420



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.



144.6000, 35.5230, 55.5790



157.1530, 50.9240, 79.3400



138.3300, 53.1780, 38.4740



100.4290, 3.3460, 5.4420



68.3430, 53.4450, 83.2130



17.1890, 13.4300, 20.9340

Inverse Universe

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



144.6000, 35.5230, 55.5790



157.1530, 50.9240, 79.3400



173.6700, -53.1780, -38.4740



100.4290, 3.3460, 5.4420



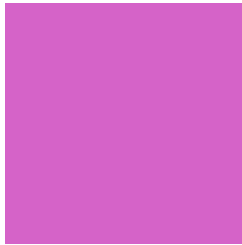
68.3430, 53.4450, 83.2130



17.1890, 13.4300, 20.9340

Previews

White Background



This preview shows how the YIQ color 144.6000, 35.5230, 55.5790 looks on a white background.

Color Contrast Check

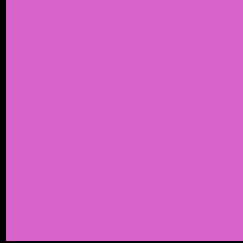
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.6000, 35.5230, 55.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

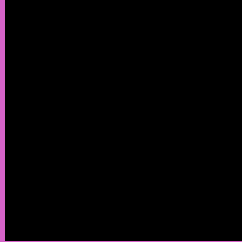
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.6000, 35.5230, 55.5790

Background



This preview shows how black text looks on a background with the YIQ color 144.6000, 35.5230, 55.5790.



This preview shows how white text looks on a background with the YIQ color 144.6000, 35.5230,

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

144.6000, 35.5230, 55.5790

Protanopia

140.2510, -51.0340, 21.8140

Deuteranopia

143.3400, -23.8440, 13.6280



Tritanopia

144.3380, 49.5590, 21.4550

Trichromacy



Original Color

144.6000, 35.5230, 55.5790



Protanomaly

141.7390, -19.8130, 34.1950



Deuteranomaly

144.1460, -2.2060, 28.9780



Tritanomaly

144.2040, 44.6050, 34.1490

Monochromacy



Original Color

144.6000, 35.5230, 55.5790



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

144.7760, 13.1550, 20.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.6000, 35.5230, 55.5790 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(213, 99, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 99, 200)  
}
```

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(213, 99, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 99, 200) }
```

Border

The CSS property to change the border of an element to YIQ 144.6000, 35.5230, 55.5790 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(213, 99, 200) }
```


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

```
.border{ border-color:rgb(213, 99, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 99, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 99, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 99, 200); box-shadow:4px 4px 4px 4px rgb(213, 99, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 144.6000, 35.5230, 55.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 99, 200) }
```

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

```
.background{ background-color: rgb(213, 99,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor