

Converting Colors

YIQ(164.1590, 14.1150, 36.0590)

Have a look what the booklet for
YIQ(164.1590, 14.1150, 36.0590)
contains.

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Color

**YIQ(164.1590, 14.1150,
36.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	C889D2
RGB	200, 137, 210
RGB Percent	78%, 54%, 82%
CMY	0.2155, 0.4628, 0.1765
CMYK	0.05, 0.35, 0.00, 0.18
HSL	292°, 45%, 68%
HSV	292°, 35%, 82%
XYZ	44.4075, 34.8232, 65.3537
YIQ	164.1590, 14.1150, 36.0590

Conversions

Conversions Part 2

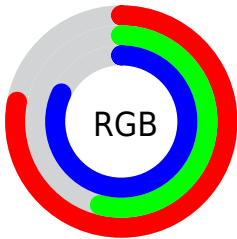
Format	Color
R_{YB}	200, 137, 210
Decimal	13142482
CIE _{Lab}	65.61, 36.21, -28.00
CIE _{LCh}	66, 45.772, 322.287
Yxy	34.8232, 0.3071, 0.2409
Android (android.graphics.Color)	4291332562 (0xFFC889D2)
YUV	164.1590, 22.5996, 31.4326
Hunter-Lab	59.0112, 31.0564, -24.3546

Details

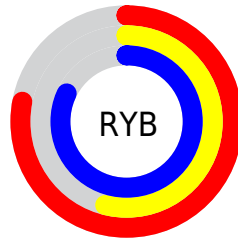
The YIQ color $164.1590, 14.1150, 36.0590$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $182.8410, -14.1150, -36.0590$, and the grayscale version is $164.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $217.4320, 17.6000, 33.4720$, and $111.5070, 13.0150, 33.9670$ is the 20% darker color. If you saturate the color by 10%, you get $150.9350, 18.1020, 46.4060$, and if you desaturate by 10%, it is $177.3830, 10.1280, 25.7120$.

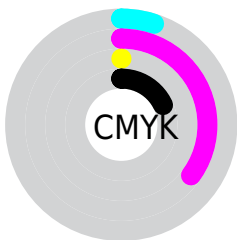
Distribution



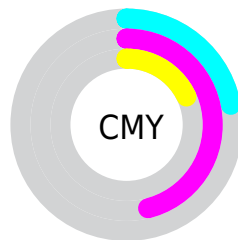
- Red (78%)
- Green (54%)
- Blue (82%)



- Red (78%)
- Yellow (54%)
- Blue (82%)



- Cyan (5%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)





- Cyan (22%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.1590, 14.1150, 36.0590 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 164.1590, 14.1150, 36.0590 by changing the saturation by 10% instead.


 164.1590, 14.1150,
36.0590


 164.1590, 14.1150,
36.0590


255.0000, -0.0000,
-0.0000


 137.3330, 13.5650,
35.0130


 217.4320, 17.6000,
33.4720


 111.5070, 13.0150,
33.9670

 233.8680, 9.9000,
18.8280

 85.7950, 12.1440,
33.2320

 250.8910, 1.9250,
3.6610

 61.3820, 11.8690,
32.7090

 35.7950, 12.1440,
33.2320

 19.5400, 8.2480,
26.7440

 9.2580, -0.1860,

14.3900

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 164.1590, 14.1150,
36.0590

■ 164.1590, 14.1150,
36.0590

■ 150.9350, 18.1020,
46.4060

■ 177.3830, 10.1280,
25.7120

■ 137.7110, 22.0890,
56.7530

■ 190.6070, 6.1410,
15.3650

■ 124.4870, 26.0760,
67.1000

■ 203.8310, 2.1540,
5.0180

■ 111.5620, 30.6590,
77.6590

■ 216.7560, -2.4290,
-5.5410

■ 98.3380, 34.6460,
88.0060

■ 229.9800, -6.4160,
-15.8880

■ 85.1140, 38.6330,
98.3530

■ 238.5080, -8.2030,
-22.0510

■ 78.0590, 40.4660,
103.6820

■ 239.4050, -6.4150,
-21.4150

■ 240.3020, -4.6270,
-20.7790

■ 241.1990, -2.8390,
-20.1430

Harmonies

Analogous

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



160.2550, -30.4940, 24.0180



164.1590, 14.1150, 36.0590



162.3400, 47.2180, 36.3540

Triad

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



164.1590, 14.1150, 36.0590



156.1820, 48.5570, -15.4670



127.2060, -110.1690, -35.3610

Complementary

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



164.1590, 14.1150, 36.0590



182.8410, -14.1150, -36.0590

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.



128.9960, -83.5750, -43.7590



164.1590, 14.1150, 36.0590



152.7220, 20.1330, -28.9790

Square

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



164.1590, 14.1150, 36.0590



158.6270, 64.1420, 4.9580



146.3180, -19.8920, -35.9880



128.7340, -119.9830, -22.6950

Rectangle

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



164.1590, 14.1150, 36.0590



160.6540, 60.6530, 29.6530



146.3180, -19.8920, -35.9880



125.6100, -105.6750, -39.7150

Sweetspot

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



164.1590, 14.1150, 36.0590



239.4280, 5.0870, 12.4390



151.7790, -26.4580, 16.9500



117.7110, 2.6120, 7.7320



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.



164.1590, 14.1150, 36.0590



187.7060, 20.4850, 52.7810



164.1850, 28.4210, 30.0930



97.9450, 1.8330, 5.3290



62.5070, 32.4920, 82.9880



15.1390, 7.6990, 20.1710

Inverse Universe

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



159.9670, 40.2980, 18.5860



181.5890, 59.2780, 27.0380



182.8150, -28.4210, -30.0930



97.5170, 5.9140, 2.9540



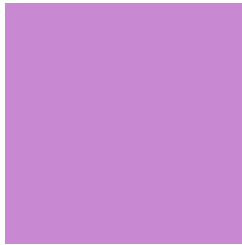
52.8540, 92.7450, 42.7690



12.9430, 22.5100, 10.5580

Previews

White Background



This preview shows how the YIQ color 164.1590, 14.1150, 36.0590 looks on a white background.

Color Contrast Check

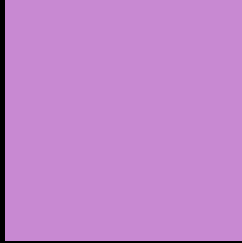
Large Text (above 18pt) WCAG AA × Fail

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 164.1590, 14.1150, 36.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

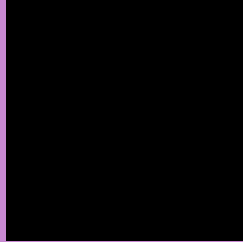
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.1590, 14.1150, 36.0590

Background



This preview shows how black text looks on a background with the YIQ color 164.1590, 14.1150, 36.0590.



This preview shows how white text looks on a background with the YIQ color 164.1590, 14.1150,

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

164.1590, 14.1150, 36.0590

Protanopia

159.1850, -33.4730, 17.4310

Deuteranopia

160.4930, -19.9010, 13.7550



Tritanopia

162.1220, 23.5640, 13.4840

Trichromacy



Original Color

164.1590, 14.1150, 36.0590



Protanomaly

161.2690, -15.9140, 24.1020



Deuteranomaly

161.8800, -7.5690, 21.5430



Tritanomaly

162.8370, 20.3530, 22.1210

Monochromacy



Original Color

164.1590, 14.1150, 36.0590



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

163.9550, 5.0410, 13.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.1590, 14.1150, 36.0590 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(200, 137, 210)` looks like.

```
.text, #text, p{  
    color:rgb(200, 137, 210)  
}
```

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(200, 137, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 137, 210) }
```

Border

The CSS property to change the border of an element to YIQ 164.1590, 14.1150, 36.0590 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(200, 137, 210) }
```


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

```
.border{ border-color:rgb(200, 137, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 137, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 137, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 137, 210);  
box-shadow:4px 4px 4px 4px rgb(200, 137,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 164.1590, 14.1150, 36.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 137, 210) }
```

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

```
.background{ background-color: rgb(200,  
137, 210) }
```

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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