

Converting Colors

YIQ(142.5720, 32.7260, 56.7100)

Have a look what the booklet for
YIQ(142.5720, 32.7260, 56.7100)
contains.

YIQ(142.5720, 32.7260, 56.7100)	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(142.5720, 32.7260,
56.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	D161CB
RGB	209, 97, 203
RGB Percent	82%, 38%, 80%
CMY	0.1801, 0.6198, 0.2039
CMYK	0.00, 0.54, 0.03, 0.18
HSL	303°, 55%, 60%
HSV	303°, 54%, 82%
XYZ	41.3698, 26.4208, 59.4268
YIQ	142.5720, 32.7260, 56.7100

Conversions

Conversions Part 2

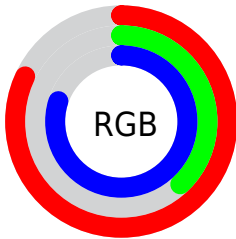
Format	Color
R _Y B	209, 97, 203
Decimal	13722059
CIE Lab	58.43, 58.09, -35.11
CIE LCh	58, 67.872, 328.849
Yxy	26.4208, 0.3252, 0.2077
Android (android.graphics.Color)	4291912139 (0xFFD161CB)
YUV	142.5720, 29.7910, 58.2574
Hunter-Lab	51.4012, 53.7122, -32.5666

Details

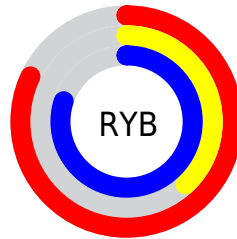
The YIQ color $142.5720, 32.7260, 56.7100$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $163.4280, -32.7260, -56.7100$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $194.5390, 28.3250, 53.8690$, and $85.8000, 32.0840, 57.3320$ is the 20% darker color. If you saturate the color by 10%, you get $130.1310, 38.8220, 67.3820$, and if you desaturate by 10%, it is $155.0130, 26.6300, 46.0380$.

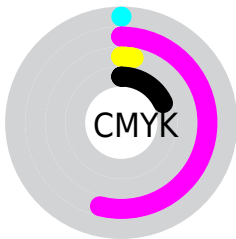
Distribution



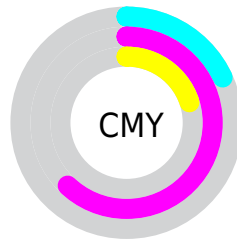
- Red (82%)
- Green (38%)
- Blue (80%)



- Red (82%)
- Yellow (38%)
- Blue (80%)



- Cyan (0%)
- Magenta (54%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (62%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.5720, 32.7260, 56.7100 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 142.5720, 32.7260, 56.7100 by changing the saturation by 10% instead.

142.5720, 32.7260,
56.7100

142.5720, 32.7260,
56.7100

255.0000, -0.0000,
-0.0000

114.2730, 32.1300,
56.4980

194.5390, 28.3250,
53.8690

85.8000, 32.0840,
57.3320

210.9750, 20.6250,
39.2250

50.9840, 34.7420,
64.2300

227.9980, 12.6500,
24.0580

40.0610, 26.6750,
50.7310

245.0210, 4.6750,
8.8910

29.2520, 18.2870,
37.5430

19.7530, 11.9620,
25.5140

4.3880, -6.6040,

9.5560

■ 0.0000, 0.0000,
0.0000

■ 142.5720, 32.7260,
56.7100

■ 142.5720, 32.7260,
56.7100

■ 130.1310, 38.8220,
67.3820

■ 155.0130, 26.6300,
46.0380

■ 117.6900, 44.9180,
78.0540

■ 167.4540, 20.5340,
35.3660

■ 105.2490, 51.0140,
88.7260

■ 179.8950, 14.4380,
24.6940

■ 92.6940, 57.4310,
99.0870

■ 192.4500, 8.0210,
14.3330

■ 85.0630, 61.0060,
105.8860

■ 204.8910, 1.9250,
3.6610

■ 216.7450, -3.8960,
-6.4880

■ 229.1860, -9.9920,
-17.1600

■ 236.3440,
-13.6130, -23.1250

■ 236.4580,
-13.9340, -22.8140

Harmonies

Analogous

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



141.7730, -34.3480, 38.8040



142.5720, 32.7260, 56.7100



134.9730, 76.8330, 55.8170

Triad

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



142.5720, 32.7260, 56.7100



131.2490, 63.6450, -35.6110



120.3730, -108.8410, -26.3850

Complementary

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



142.5720, 32.7260, 56.7100



163.4280, -32.7260, -56.7100

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.



113.5330, -89.5810, -45.0450



142.5720, 32.7260, 56.7100



125.1400, 20.8710, -53.3770

Square

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



142.5720, 32.7260, 56.7100



134.3780, 86.4720, -3.2560



104.2310, -68.9000, -61.9240



122.6820, -122.2320, -9.4640

Rectangle

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



142.5720, 32.7260, 56.7100



133.1850, 90.3150, 42.7550



104.2310, -68.9000, -61.9240



118.7940, -103.0170, -32.8170

Sweetspot

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



142.5720, 32.7260, 56.7100



230.7050, 11.9170, 20.8210



111.5620, -32.3760, 36.1040



113.0970, 7.5170, 12.4530



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.



142.5720, 32.7260, 56.7100



158.2930, 47.7140, 82.4500



136.1880, 50.7020, 39.2940



98.4290, 3.3460, 5.4420



68.3580, 49.0890, 85.0650



16.7050, 11.9170, 20.8210

Inverse Universe

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



142.5720, 32.7260, 56.7100



158.2930, 47.7140, 82.4500



169.8120, -50.7020, -39.2940



98.4290, 3.3460, 5.4420



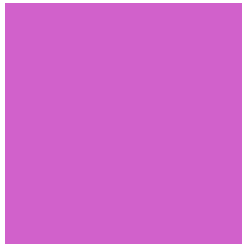
68.3580, 49.0890, 85.0650



16.7050, 11.9170, 20.8210

Previews

White Background



This preview shows how the YIQ color 142.5720, 32.7260, 56.7100 looks on a white background.

Color Contrast Check

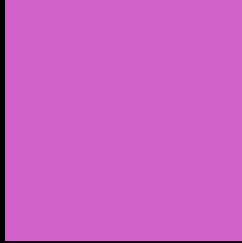
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.5720, 32.7260, 56.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

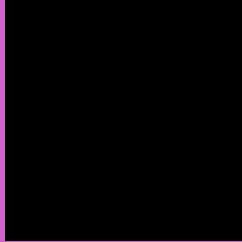
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.5720, 32.7260, 56.7100

Background



This preview shows how black text looks on a background with the YIQ color 142.5720, 32.7260, 56.7100.



This preview shows how white text looks on a background with the YIQ color 142.5720, 32.7260,

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

142.5720, 32.7260, 56.7100

Protanopia

137.7390, -55.3440, 22.8320

Deuteranopia

140.7140, -27.8330, 14.3350



Tritanopia

142.1420, 47.1750, 20.6070

Trichromacy



Original Color

142.5720, 32.7260, 56.7100

Protanomaly

139.4120, -23.2060, 35.1140

Deuteranomaly

141.5200, -6.1950, 29.6850

Tritanomaly

142.1220, 41.9000, 33.6120

Monochromacy



Original Color

142.5720, 32.7260, 56.7100

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.7050, 11.9170, 20.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.5720, 32.7260, 56.7100 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(209, 97, 203)` looks like.

```
.text, #text, p{  
    color:rgb(209, 97, 203)  
}
```

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(209, 97, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 97, 203) }
```

Border

The CSS property to change the border of an element to YIQ 142.5720, 32.7260, 56.7100 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(209, 97, 203) }
```


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

```
.border{ border-color:rgb(209, 97, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 97, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 97, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 97, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 97,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 142.5720, 32.7260, 56.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 97, 203) }
```

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

```
.background{ background-color: rgb(209, 97,  
203) }
```

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