

Converting Colors

YIQ(124.6520, 28.6040, 32.2840)

Have a look what the booklet for
YIQ(124.6520, 28.6040, 32.2840)
contains.

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Color

**YIQ(124.6520, 28.6040,
32.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6094
RGB	172, 96, 148
RGB Percent	67%, 38%, 58%
CMY	0.3253, 0.6236, 0.4195
CMYK	0.00, 0.44, 0.14, 0.33
HSL	319°, 31%, 53%
HSV	319°, 44%, 67%
XYZ	26.5519, 19.2755, 30.3458
YIQ	124.6520, 28.6040, 32.2840

Conversions

Conversions Part 2

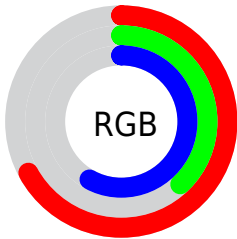
Format	Color
R_{YB}	172, 96, 148
Decimal	11296916
CIE _{Lab}	51.01, 38.03, -15.11
CIE _{LCh}	51, 40.920, 338.331
Yxy	19.2755, 0.3486, 0.2530
Android (android.graphics.Color)	4289486996 (0xFFAC6094)
YUV	124.6520, 11.5106, 41.5242
Hunter-Lab	43.9038, 31.1207, -10.2479

Details

The YIQ color **124.6520, 28.6040, 32.2840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.3480, -28.6040, -32.2840**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3750, 30.9420, 33.9660**, and **73.3420, 26.5410, 31.1250** is the 20% darker color. If you saturate the color by 10%, you get **114.1030, 34.8840, 39.6200**, and if you desaturate by 10%, it is **135.2010, 22.3240, 24.9480**.

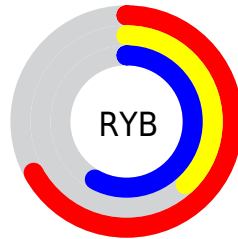
Distribution



Red (67%)

Green (38%)

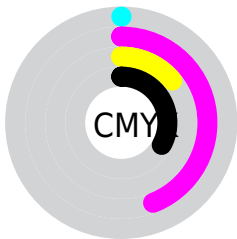
Blue (58%)



Red (67%)

Yellow (38%)

Blue (58%)

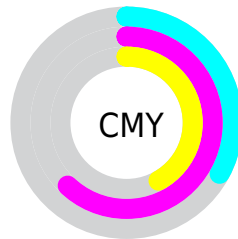


Cyan (0%)

Magenta (44%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (62%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.6520, 28.6040, 32.2840 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 124.6520, 28.6040, 32.2840 by changing the saturation by 10% instead.


 124.6520, 28.6040,
32.2840


 124.6520, 28.6040,
32.2840


255.0000, -0.0000,
-0.0000


 98.9400, 27.7330,
31.5490


 178.3750, 30.9420,
33.9660

 73.3420, 26.5410,
31.1250


 205.7770, 29.7500,
33.5420

 47.5700, 25.8990,
31.7470

 225.0630, 14.0250,
26.6730

 25.8470, 23.5610,
30.0650

 241.4990, 6.3250,
12.0290

 16.8750, 17.1900,
18.8700

 0.0000, 0.0000,
0.0000

124.6520, 28.6040,
32.2840

124.6520, 28.6040,
32.2840

114.1030, 34.8840,
39.6200

135.2010, 22.3240,
24.9480

103.4400, 41.4850,
46.6450

145.8640, 15.7230,
17.9230

92.3040, 48.0400,
54.5040

157.0000, 9.1680,
10.0640

81.6410, 54.6410,
61.5290

167.6630, 2.5670,
3.0390

71.0920, 60.9210,
68.8650

178.2120, -3.7130,
-4.2970


64.8800, 64.6340,
73.1620

188.8750,
-10.3140, -11.3220

199.4240,
-16.5940, -18.6580

210.6740,

-23.4700, -26.2060

 221.2230,
-29.7500, -33.5420

Harmonies

Analogous

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



124.4230, -4.5440, 27.2960



124.6520, 28.6040, 32.2840



122.7990, 49.8790, 26.6710

Triad

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



124.6520, 28.6040, 32.2840



117.5540, 29.7140, -20.8940



99.7020, -90.5940, -21.1700

Complementary

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



124.6520, 28.6040, 32.2840



143.3480, -28.6040, -32.2840

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.



96.4130, -79.9550, -32.2670



124.6520, 28.6040, 32.2840



113.1850, -0.2240, -28.9920

Square

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



124.6520, 28.6040, 32.2840



119.6910, 48.9220, -5.5580



103.9920, -42.2210, -33.3010



98.6880, -96.0060, -11.1900

Rectangle

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



124.6520, 28.6040, 32.2840



121.6390, 55.8410, 17.7370



103.9920, -42.2210, -33.3010



99.1490, -87.6590, -24.8030

Sweetspot

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



124.6520, 28.6040, 32.2840



205.9510, 10.8640, 12.3680



111.5410, -10.6880, 28.5120



100.8640, 6.5550, 7.8590



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



124.6520, 28.6040, 32.2840



149.9290, 44.6020, 50.7300



120.4340, 40.4810, 20.7770



81.3750, 3.4380, 3.7740



56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Inverse Universe

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



124.6520, 28.6040, 32.2840



149.9290, 44.6020, 50.7300



147.5660, -40.4810, -20.7770



81.3750, 3.4380, 3.7740



56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 124.6520, 28.6040, 32.2840 looks on a white background.

Color Contrast Check

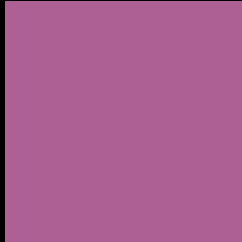
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.6520, 28.6040, 32.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

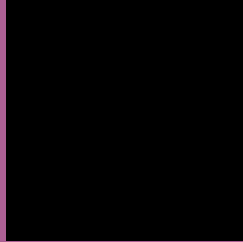
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.6520, 28.6040, 32.2840

Background



This preview shows how black text looks on a background with the YIQ color 124.6520, 28.6040, 32.2840.



This preview shows how white text looks on a background with the YIQ color 124.6520, 28.6040,

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

124.6520, 28.6040, 32.2840

Protanopia

121.9550, -21.3220, 11.9740

Deuteranopia

123.0460, -5.6410, 8.6230



Tritanopia

123.3470, 36.1720, 16.2680

Trichromacy



Original Color

124.6520, 28.6040, 32.2840

Protanomaly

122.7510, -2.8920, 19.3800

Deuteranomaly

123.8460, 6.9660, 16.9340

Tritanomaly

123.3670, 33.4200, 22.0920

Monochromacy



Original Color

124.6520, 28.6040, 32.2840

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.5380, 10.5890, 11.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.6520, 28.6040, 32.2840 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(172, 96, 148)` looks like.

```
.text, #text, p{  
    color:rgb(172, 96, 148)  
}
```

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(172, 96, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 96, 148) }
```

Border

The CSS property to change the border of an element to YIQ 124.6520, 28.6040, 32.2840 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(172, 96, 148) }
```


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

```
.border{ border-color:rgb(172, 96, 148) }
```

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

Here you see how a box with a 4 pixel rgb(172, 96, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 96, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 96, 148);  
box-shadow:4px 4px 4px 4px rgb(172, 96,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 124.6520, 28.6040, 32.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 96, 148) }
```

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

```
.background{ background-color: rgb(172, 96,  
148) }
```

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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