

Converting Colors

YIQ(132.5840, 23.2840, 40.5960)

Have a look what the booklet for
YIQ(132.5840, 23.2840, 40.5960)
contains.

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Color

**YIQ(132.5840, 23.2840,
40.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	B464B0
RGB	180, 100, 176
RGB Percent	71%, 39%, 69%
CMY	0.2939, 0.6080, 0.3098
CMYK	0.00, 0.44, 0.02, 0.29
HSL	303°, 35%, 55%
HSV	303°, 44%, 71%
XYZ	31.2278, 21.9534, 43.6703
YIQ	132.5840, 23.2840, 40.5960

Conversions

Conversions Part 2

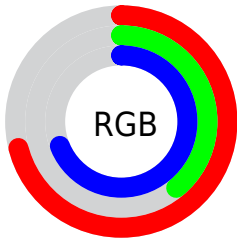
Format	Color
RYB	180, 100, 176
Decimal	11822256
CIELab	53.98, 43.39, -26.84
CIELCh	54, 51.019, 328.256
Yxy	21.9534, 0.3224, 0.2267
Android (android.graphics.Color)	4290012336 (0xFFB464B0)
YUV	132.5840, 21.4041, 41.5838
Hunter-Lab	46.8545, 36.9721, -22.4625

Details

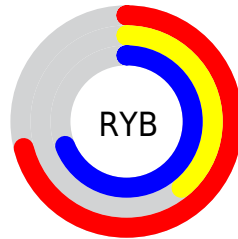
The YIQ color $132.5840, 23.2840, 40.5960$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $147.4160, -23.2840, -40.5960$, and the grayscale version is $132.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.1220, 24.7050, 42.3770$, and $80.1600, 21.5420, 39.1260$ is the 20% darker color. If you saturate the color by 10%, you get $121.9040, 28.5550, 49.6990$, and if you desaturate by 10%, it is $143.2640, 18.0130, 31.4930$.

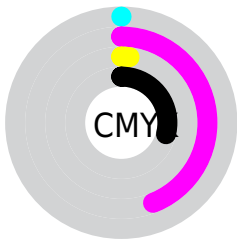
Distribution



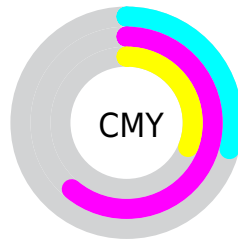
- Red (71%)
- Green (39%)
- Blue (69%)



- Red (71%)
- Yellow (39%)
- Blue (69%)



- Cyan (0%)
- Magenta (44%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.5840, 23.2840, 40.5960 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 132.5840, 23.2840, 40.5960 by changing the saturation by 10% instead.

■ 132.5840, 23.2840,
40.5960

■ 132.5840, 23.2840,
40.5960

255.0000, -0.0000,
-0.0000

■ 105.8720, 22.4130,
39.8610

■ 187.1220, 24.7050,
42.3770

■ 80.1600, 21.5420,
39.1260

■ 211.5620, 20.3500,
38.7020

■ 53.6870, 21.4960,
39.9600

■ 227.9980, 12.6500,
24.0580

■ 30.2630, 19.7540,
38.4900

■ 244.4340, 4.9500,
9.4140

■ 20.4650, 12.8330,
26.2490

■ 9.8840, 3.8030,
13.6830

■ 0.0000, 0.0000,

0.0000

■ 132.5840, 23.2840,
40.5960

■ 132.5840, 23.2840,
40.5960

■ 121.9040, 28.5550,
49.6990

■ 143.2640, 18.0130,
31.4930

■ 111.2240, 33.8260,
58.8020

■ 153.9440, 12.7420,
22.3900

■ 100.5440, 39.0970,
67.9050

■ 164.6240, 7.4710,
13.2870

■ 89.8640, 44.3680,
77.0080

■ 175.3040, 2.2000,
4.1840

■ 79.1840, 49.6390,
86.1110

■ 185.9840, -3.0710,
-4.9190

■ 73.3140, 52.3890,
91.3410

■ 196.5500, -8.0210,
-14.3330

■ 207.2300,
-13.2920, -23.4360

■ 217.9100,
-18.5630, -32.5390

■ 224.4810,
-21.9090, -37.9810

Harmonies

Analogous

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



130.2390, -24.3970, 29.1630



132.5840, 23.2840, 40.5960



128.9990, 55.6080, 38.4880

Triad

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



132.5840, 23.2840, 40.5960



124.1830, 46.8160, -22.4640



107.3160, -95.4990, -25.8910

Complementary

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



132.5840, 23.2840, 40.5960



147.4160, -23.2840, -40.5960

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.



102.3000, -81.3750, -39.5750



132.5840, 23.2840, 40.5960



119.9120, 13.4860, -35.1700

Square

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



132.5840, 23.2840, 40.5960



126.3510, 64.7390, -0.3570



109.5870, -36.9470, -40.7790



108.2570, -105.0380, -12.7020

Rectangle

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



132.5840, 23.2840, 40.5960



127.4760, 67.0260, 29.7940



109.5870, -36.9470, -40.7790



105.7200, -91.0050, -30.2450

Sweetspot

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



132.5840, 23.2840, 40.5960



216.5750, 9.1670, 15.5910



110.3160, -23.2960, 25.7280



106.3200, 5.2710, 9.1030



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



132.5840, 23.2840, 40.5960



160.8270, 36.6220, 63.1980



128.0240, 36.1240, 28.1560



83.7170, 2.4750, 4.7070



62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Inverse Universe

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



132.5840, 23.2840, 40.5960



160.8270, 36.6220, 63.1980



151.9760, -36.1240, -28.1560



83.7170, 2.4750, 4.7070



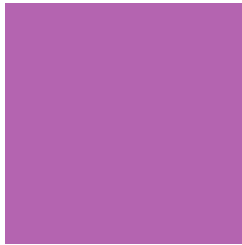
62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 132.5840, 23.2840, 40.5960 looks on a white background.

Color Contrast Check

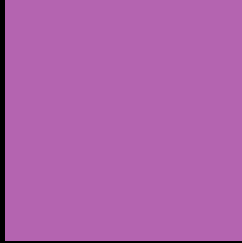
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5840, 23.2840, 40.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

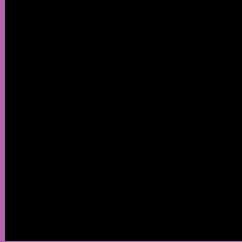
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.5840, 23.2840, 40.5960

Background



This preview shows how black text looks on a background with the YIQ color 132.5840, 23.2840, 40.5960.



This preview shows how white text looks on a background with the YIQ color 132.5840, 23.2840,

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

132.5840, 23.2840, 40.5960

Protanopia

128.2170, -36.4990, 17.2050

Deuteranopia

129.6240, -18.8920, 11.9880



Tritanopia

131.2650, 33.4670, 15.7310

Trichromacy



Original Color

132.5840, 23.2840, 40.5960

Protanomaly

129.8070, -14.4930, 25.8830

Deuteranomaly

130.5600, -3.6720, 22.5040

Tritanomaly

132.0940, 29.9350, 24.6790

Monochromacy



Original Color

132.5840, 23.2840, 40.5960

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8630, 8.2960, 14.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5840, 23.2840, 40.5960 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(180, 100, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 100, 176)  
}
```

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(180, 100, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 100, 176) }
```

Border

The CSS property to change the border of an element to YIQ 132.5840, 23.2840, 40.5960 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(180, 100, 176) }
```


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

```
.border{ border-color:rgb(180, 100, 176) }
```

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

Here you see how a box with a 4 pixel rgb(180, 100, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 100, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 100, 176);  
box-shadow:4px 4px 4px 4px rgb(180, 100,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5840, 23.2840, 40.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 100, 176) }
```

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

```
.background{ background-color: rgb(180,  
100, 176) }
```

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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