

Converting Colors

YIQ(125.6300, -36.2240,
17.7280)

Have a look what the booklet for
YIQ(125.6300, -36.2240, 17.7280)
contains.

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Color

**YIQ(125.6300, -36.2240,
17.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	667CC4
RGB	102, 124, 196
RGB Percent	40%, 49%, 77%
CMY	0.6000, 0.5137, 0.2316
CMYK	0.48, 0.37, 0.00, 0.23
HSL	226°, 44%, 58%
HSV	226°, 48%, 77%
XYZ	22.6461, 21.2255, 55.0976
YIQ	125.6300, -36.2240, 17.7280

Conversions

Conversions Part 2

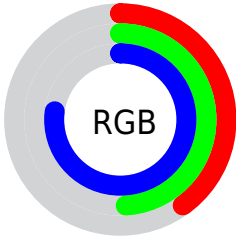
Format	Color
R _Y B	102, 120, 196
Decimal	6716612
CIE Lab	53.20, 11.72, -40.07
CIE LCh	53, 41.750, 286.296
Yxy	21.2255, 0.2288, 0.2145
Android (android.graphics.Color)	4284906692 (0xFF667CC4)
YUV	125.6300, 34.6924, -20.7235
Hunter-Lab	46.0712, 7.1164, -38.6564

Details

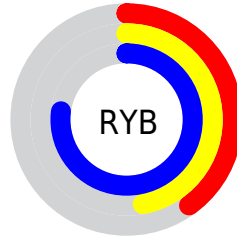
The YIQ color **125.6300, -36.2240, 17.7280** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **172.3700, 36.2240, -17.7280**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0970, -36.0410, 19.9190**, and **74.2550, -39.6620, 13.9540** is the 20% darker color. If you saturate the color by 10%, you get **110.8450, -44.0190, 21.3330**, and if you desaturate by 10%, it is **140.4150, -28.4290, 14.1230**.

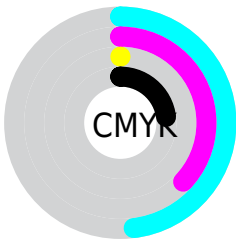
Distribution



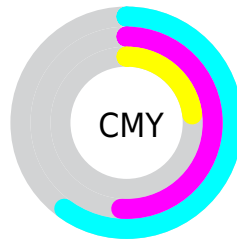
- Red (40%)
- Green (49%)
- Blue (77%)



- Red (40%)
- Yellow (47%)
- Blue (77%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (51%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.6300, -36.2240, 17.7280 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 125.6300, -36.2240, 17.7280 by changing the saturation by 10% instead.

■ 125.6300,
-36.2240, 17.7280

■ 125.6300,
-36.2240, 17.7280

■ 255.0000, -0.0000,
-0.0000

■ 99.3910, -37.0490,
16.1590

■ 179.0970,
-36.0410, 19.9190

■ 74.2550, -39.6620,
13.9540

■ 204.4320,
-27.0990, 12.0450

■ 45.5310, -49.4270,
9.2050

■ 229.2400,
-18.1110, 3.3370

■ 29.7450, -38.2860,
11.0420

■ 251.7110, -6.5560,
-2.3320

■ 12.9210, -23.9820,
16.1300

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 125.6300,
-36.2240, 17.7280

■ 125.6300,
-36.2240, 17.7280

■ 110.8450,
-44.0190, 21.3330

■ 140.4150,
-28.4290, 14.1230

■ 96.3590, -51.2180,
25.1500

■ 154.9010,
-21.2300, 10.3060

■ 81.5740, -59.0130,
28.7550

■ 169.6860,
-13.4350, 6.7010

■ 67.0880, -66.2120,
32.5720

■ 184.1720, -6.2360,
2.8840

■ 52.3030, -74.0070,
36.1770

■ 198.9570, 1.5590,
-0.7210

■ 49.3460, -75.5660,
36.8980

■ 213.7420, 9.3540,
-4.3260

■ 228.2280, 16.5530,
-8.1430

■ 241.8170, 21.9640,
-12.5960

■ 248.2740, 18.9390,
-18.3490

Harmonies

Analogous

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



102.1760, -100.3160, -10.1720



125.6300, -36.2240, 17.7280



131.0930, 5.3130, 30.3770

Triad

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



125.6300, -36.2240, 17.7280



126.6140, 56.9890, 7.9410



102.6350, -63.2650, -37.3850

Complementary

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



125.6300, -36.2240, 17.7280



172.3700, 36.2240, -17.7280

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.



117.1560, -10.4480, -30.9280



125.6300, -36.2240, 17.7280



124.6750, 45.8510, -10.4770

Square

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



125.6300, -36.2240, 17.7280



127.6700, 54.5560, 24.5080



121.7380, 23.2040, -24.0600



101.7590, -86.7410, -30.4290

Rectangle

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



125.6300, -36.2240, 17.7280



130.6950, 27.0450, 33.0050



121.7380, 23.2040, -24.0600



110.5470, -39.4700, -33.5980

Sweetspot

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



125.6300, -36.2240, 17.7280



228.3870, -14.0310, 6.4890



165.1580, -48.3200, -27.3920



111.4430, -8.4370, 4.2270



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.



125.6300, -36.2240, 17.7280



144.4170, -57.1330, 27.7230



119.5930, -16.4660, 34.1100



89.3140, -3.7600, 2.0640



40.6600, -62.1310, 30.1970



8.4580, -12.7930, 6.0790

Inverse Universe

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



132.6140, 48.9620, 26.7700



155.2420, 76.9730, 42.2610



178.1080, 15.8700, -34.3220



90.2180, 5.3180, 2.7420



52.4710, 83.7580, 45.9500



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 125.6300, -36.2240, 17.7280 looks on a white background.

Color Contrast Check

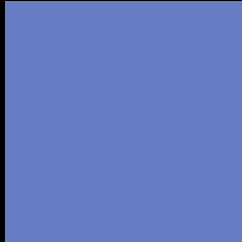
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.6300, -36.2240, 17.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

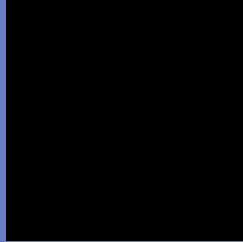
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.6300, -36.2240, 17.7280

Background



This preview shows how black text looks on a background with the YIQ color 125.6300, -36.2240, 17.7280.

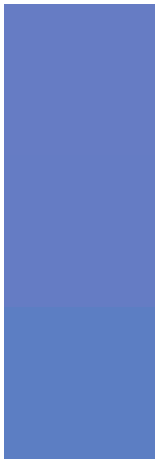


This preview shows how white text looks on a background with the YIQ color 125.6300, -36.2240, 17.7280.

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

125.6300, -36.2240, 17.7280

Protanopia

125.3310, -36.8200, 17.5160

Deuteranopia

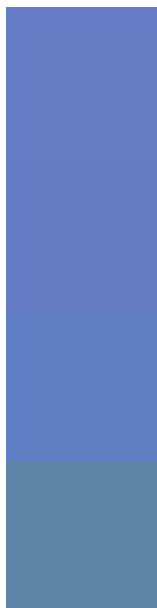
123.7000, -42.4130, 14.2510



Tritanopia

121.2010, -31.5430, -6.5430

Trichromacy



Original Color

125.6300, -36.2240, 17.7280

Protanomaly

125.3310, -36.8200, 17.5160

Deuteranomaly

124.3090, -39.7540, 15.6220

Tritanomaly

122.5140, -33.5620, 2.5180

Monochromacy



Original Color

125.6300, -36.2240, 17.7280

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.5720, -13.1140, 6.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.6300, -36.2240, 17.7280 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(102, 124, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 124, 196)  
}
```

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(102, 124, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 124, 196) }
```

Border

The CSS property to change the border of an element to YIQ 125.6300, -36.2240, 17.7280 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(102, 124, 196) }
```


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

```
.border{ border-color:rgb(102, 124, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 124, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 124, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 124, 196);  
box-shadow:4px 4px 4px 4px rgb(102, 124,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 125.6300, -36.2240, 17.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 124, 196) }
```

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

```
.background{ background-color: rgb(102,  
124, 196) }
```

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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