

Converting Colors

YIQ(132.7420, -25.0360,
13.2040)

Have a look what the booklet for
YIQ(132.7420, -25.0360, 13.2040)
contains.

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Color

**YIQ(132.7420, -25.0360,
13.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	7583B7
RGB	117, 131, 183
RGB Percent	46%, 51%, 72%
CMY	0.5412, 0.4862, 0.2825
CMYK	0.36, 0.28, 0.00, 0.28
HSL	227°, 31%, 59%
HSV	227°, 36%, 72%
XYZ	23.9967, 23.4335, 48.0387
YIQ	132.7420, -25.0360, 13.2040

Conversions

Conversions Part 2

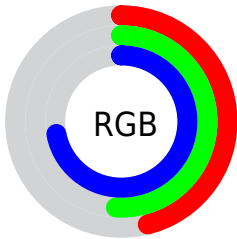
Format	Color
R_{YB}	117, 129, 183
Decimal	7701431
CIE _{Lab}	55.52, 7.76, -28.95
CIE _{LCh}	56, 29.973, 284.997
Yxy	23.4335, 0.2514, 0.2455
Android (android.graphics.Color)	4285891511 (0xFF7583B7)
YUV	132.7420, 24.7772, -13.8057
Hunter-Lab	48.4082, 3.7711, -24.9517

Details

The YIQ color $132.7420, -25.0360, 13.2040$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $167.2580, 25.0360, -13.2040$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.3830, -25.4030, 14.3490$, and $82.3890, -25.5400, 11.3240$ is the 20% darker color. If you saturate the color by 10%, you get $119.1420, -31.9140, 16.7100$, and if you desaturate by 10%, it is $146.3420, -18.1580, 9.6980$.

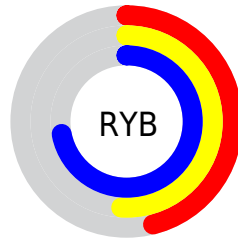
Distribution



Red (46%)

Green (51%)

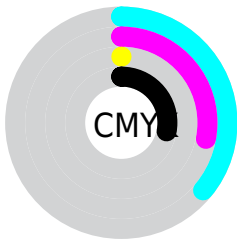
Blue (72%)



Red (46%)

Yellow (51%)

Blue (72%)

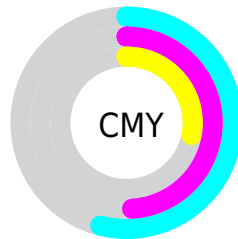


Cyan (36%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.7420, -25.0360, 13.2040 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 132.7420, -25.0360, 13.2040 by changing the saturation by 10% instead.

■ 132.7420,
-25.0360, 13.2040

■ 132.7420,
-25.0360, 13.2040

■ 255.0000, -0.0000,
-0.0000

■ 107.2150,
-24.9900, 12.3700

■ 186.3830,
-25.4030, 14.3490

■ 82.3890, -25.5400,
11.3240

■ 212.4280,
-21.2760, 11.1400

■ 58.4490, -25.7690,
9.9670

■ 237.8230,
-12.5630, 1.9090

■ 34.4160, -30.1700,
7.1260

■ 16.4770, -22.9720,
8.8360

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,

3.1100

■ 0.0000, 0.0000,
0.0000

■ 132.7420,
-25.0360, 13.2040

■ 132.7420,
-25.0360, 13.2040

■ 119.1420,
-31.9140, 16.7100

■ 146.3420,
-18.1580, 9.6980

■ 104.6560,
-39.1130, 20.5270

■ 160.8280,
-10.9590, 5.8810

■ 91.0560, -45.9910,
24.0330

■ 174.4280, -4.0810,
2.3750

■ 76.8690, -52.5940,
28.0620

■ 188.6150, 2.5220,
-1.6540

■ 63.2690, -59.4720,
31.5680

■ 202.2150, 9.4000,
-5.1600

■ 49.3700, -66.9460,
34.8620

■ 216.1140, 16.8740,
-8.4540

■ 43.7550, -69.4680,
36.5160

■ 230.3010, 23.4770,
-12.4830

■ 241.5090, 25.5870,
-17.6850

■ 246.7920, 23.1120,
-22.3920

Harmonies

Analogous

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



124.5810, -52.8640, -0.0960



132.7420, -25.0360, 13.2040



136.4420, 2.4720, 21.2880

Triad

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



132.7420, -25.0360, 13.2040



133.8450, 43.0970, 6.4010



121.9920, -33.0530, -23.2370

Complementary

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



132.7420, -25.0360, 13.2040



167.2580, 25.0360, -13.2040

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.



126.4760, -5.1770, -21.8250



132.7420, -25.0360, 13.2040



132.4490, 34.9840, -6.2640

Square

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



132.7420, -25.0360, 13.2040



135.1410, 39.7480, 17.5400



130.1430, 17.9300, -16.5820



115.6760, -61.3420, -22.6700

Rectangle

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



132.7420, -25.0360, 13.2040



136.2930, 19.0690, 23.3650



130.1430, 17.9300, -16.5820



123.6680, -23.3330, -23.1810

Sweetspot

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



132.7420, -25.0360, 13.2040



217.4860, -9.9960, 4.9480



161.6700, -34.8420, -18.3460



108.1720, -6.2360, 2.8840



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



132.7420, -25.0360, 13.2040



159.5420, -38.7920, 20.2160



130.2050, -9.8620, 24.5540



85.2000, -3.4390, 1.7530



37.1550, -59.1510, 31.2570



6.7140, -10.6380, 5.5700

Inverse Universe

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



138.3300, 34.8420, 18.3460



168.0060, 53.7300, 28.4660



169.7950, 9.8620, -24.5540



85.9190, 4.7220, 2.5300



50.4060, 82.3830, 43.3350



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 132.7420, -25.0360, 13.2040 looks on a white background.

Color Contrast Check

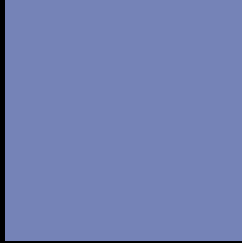
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7420, -25.0360, 13.2040 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

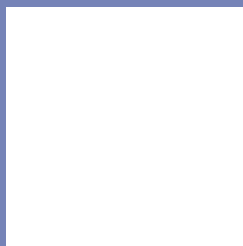
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 132.7420, -25.0360, 13.2040

Background



This preview shows how black text looks on a background with the YIQ color 132.7420, -25.0360, 13.2040.



This preview shows how white text looks on a background with the YIQ color 132.7420, -25.0360,

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

132.7420, -25.0360, 13.2040

Protanopia

132.7420, -25.0360, 13.2040

Deuteranopia

132.7420, -25.0360, 13.2040



Tritanopia

130.5830, -20.8150, -2.7270

Trichromacy



Original Color

132.7420, -25.0360, 13.2040

Protanomaly

132.7420, -25.0360, 13.2040

Deuteranomaly

132.7420, -25.0360, 13.2040

Tritanomaly

131.0870, -22.0540, 3.2100

Monochromacy



Original Color

132.7420, -25.0360, 13.2040

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6710, -9.0790, 4.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7420, -25.0360, 13.2040 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(117, 131, 183)` looks like.

```
.text, #text, p{  
    color:rgb(117, 131, 183)  
}
```

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(117, 131, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 131, 183) }
```

Border

The CSS property to change the border of an element to YIQ 132.7420, -25.0360, 13.2040 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(117, 131, 183) }
```


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

```
.border{ border-color:rgb(117, 131, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 131, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 131, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 131, 183);  
box-shadow:4px 4px 4px 4px rgb(117, 131,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7420, -25.0360, 13.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 131, 183) }
```

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

```
.background{ background-color: rgb(117,  
131, 183) }
```

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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