

Converting Colors

YIQ(77.2750, -25.2190, 11.0130)

Have a look what the booklet for
YIQ(77.2750, -25.2190, 11.0130)
contains.

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Color

**YIQ(77.2750, -25.2190,
11.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4D7C
RGB	60, 77, 124
RGB Percent	24%, 30%, 49%
CMY	0.7647, 0.6980, 0.5139
CMYK	0.52, 0.38, 0.00, 0.51
HSL	224°, 35%, 36%
HSV	224°, 52%, 49%
XYZ	8.1536, 7.7237, 20.1183
YIQ	77.2750, -25.2190, 11.0130

Conversions

Conversions Part 2

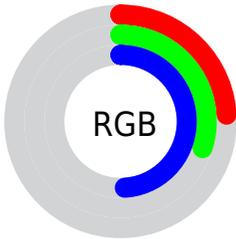
Format	Color
R_{YB}	60, 73, 124
Decimal	3951996
CIE _{Lab}	33.40, 7.58, -28.74
CIE _{LCh}	33, 29.723, 284.779
Yxy	7.7237, 0.2265, 0.2146
Android (android.graphics.Color)	4282142076 (0xFF3C4D7C)
YUV	77.2750, 23.0354, -15.1502
Hunter-Lab	27.7915, 3.7338, -23.4660

Details

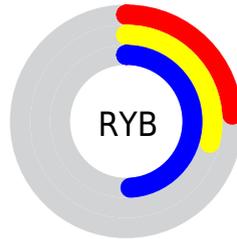
The YIQ color **77.2750, -25.2190, 11.0130** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.7250, 25.2190, -11.0130**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.3290, -25.3110, 12.6810**, and **28.5190, -31.9580, 6.4900** is the 20% darker color. If you saturate the color by 10%, you get **68.4040, -29.8960, 13.1760**, and if you desaturate by 10%, it is **86.1460, -20.5420, 8.8500**.

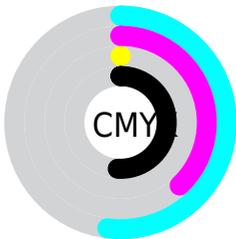
Distribution



- Red (24%)
- Green (30%)
- Blue (49%)



- Red (24%)
- Yellow (29%)
- Blue (49%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.2750, -25.2190, 11.0130 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 77.2750, -25.2190, 11.0130 by changing the saturation by 10% instead.

■ 77.2750, -25.2190,
11.0130

■ 77.2750, -25.2190,
11.0130

■ 255.0000, -0.0000,
-0.0000

■ 53.1500, -26.3650,
9.7550

■ 127.3290,
-25.3110, 12.6810

■ 28.5190, -31.9580,
6.4900

■ 153.7420,
-25.0360, 13.2040

■ 11.7980, -19.4420,
10.9420

■ 180.3830,
-25.4030, 14.3490

■ 4.5940, -10.1800,
8.2840

■ 207.6990,
-23.4770, 12.4830

■ 0.0000, 0.0000,
0.0000

■ 232.5070,
-14.4890, 3.7750

■ 253.5050, -2.9800,

-1.0600

■ 77.2750, -25.2190,
11.0130

■ 77.2750, -25.2190,
11.0130

■ 68.4040, -29.8960,
13.1760

■ 86.1460, -20.5420,
8.8500

■ 59.2340, -35.1690,
15.1270

■ 95.3160, -15.2690,
6.8990

■ 50.3630, -39.8460,
17.2900

■ 104.1870,
-10.5920, 4.7360

■ 41.1930, -45.1190,
19.2410

■ 113.3570, -5.3190,
2.7850

■ 33.5070, -48.8790,
21.3050

■ 122.8150, -0.9170,
0.0990

■ 131.6860, 3.7600,
-2.0640

■ 140.8560, 9.0330,
-4.0150

■ 149.7270, 13.7100,
-6.1780

■ 158.8970, 18.9830,
-8.1290

Harmonies

Analogous

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



63.4440, -62.9040, -5.3680



77.2750, -25.2190, 11.0130



81.0890, 1.9680, 19.4080

Triad

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



77.2750, -25.2190, 11.0130



77.7950, 37.3660, 5.6380



64.1270, -37.8670, -24.0990

Complementary

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



77.2750, -25.2190, 11.0130



106.7250, 25.2190, -11.0130

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.



72.5300, -5.2690, -20.1570



77.2750, -25.2190, 11.0130



76.9970, 30.4450, -6.6030

Square

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



77.2750, -25.2190, 11.0130



79.1620, 35.2550, 16.3670



75.3000, 16.0500, -15.5500



63.0900, -53.6400, -19.0800

Rectangle

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



77.2750, -25.2190, 11.0130



80.8690, 17.3270, 21.8950



75.3000, 16.0500, -15.5500



68.4230, -24.0210, -21.7250

Sweetspot

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



77.2750, -25.2190, 11.0130



143.2580, -9.3540, 4.3260



102.9260, -32.6870, -18.8550



71.0580, -5.9150, 2.5730



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



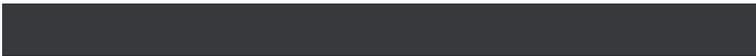
77.2750, -25.2190, 11.0130



88.2490, -39.5250, 16.9790



71.7810, -11.6040, 23.0840



56.8580, -2.4760, 0.8200



33.6210, -49.2000, 21.6160



68.0570, -99.3170, 43.3310

Inverse Universe

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



81.0740, 32.6870, 18.8550



93.9780, 50.9330, 29.5970



112.2190, 11.6040, -23.0840



57.0220, 2.9340, 1.8940



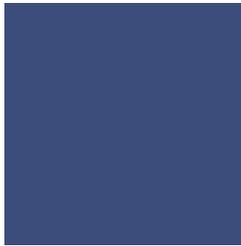
41.1370, 63.9070, 36.7630



82.9860, 128.6850, 74.2610

Previews

White Background



This preview shows how the YIQ color 77.2750, -25.2190, 11.0130 looks on a white background.

Color Contrast Check

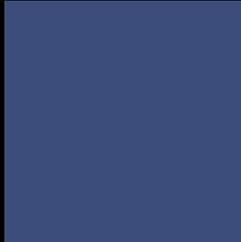
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 77.2750, -25.2190, 11.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

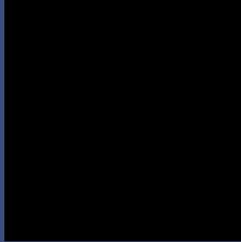
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.2750, -25.2190, 11.0130

Background



This preview shows how black text looks on a background with the YIQ color 77.2750, -25.2190, 11.0130.



This preview shows how white text looks on a background with the YIQ color 77.2750, -25.2190,

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

77.2750, -25.2190, 11.0130

Protanopia

77.5740, -24.6230, 11.2250

Deuteranopia

76.0680, -29.0700, 9.2180



Tritanopia

74.3330, -23.1070, -5.2430

Trichromacy



Original Color

77.2750, -25.2190, 11.0130

Protanomaly

77.5740, -24.6230, 11.2250

Deuteranomaly

76.6660, -27.8780, 9.6420

Tritanomaly

75.1360, -23.7500, 0.9060

Monochromacy



Original Color

77.2750, -25.2190, 11.0130

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1440, -9.0330, 4.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2750, -25.2190, 11.0130 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(60, 77, 124)` looks like.

```
.text, #text, p{  
    color:rgb(60, 77, 124)  
}
```

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(60, 77, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 77, 124) }
```

Border

The CSS property to change the border of an element to YIQ 77.2750, -25.2190, 11.0130 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(60, 77, 124) }
```

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

```
.border{ border-color:rgb(60, 77, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 77, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 77, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 77, 124);  
box-shadow:4px 4px 4px 4px rgb(60, 77,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 77.2750, -25.2190, 11.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 77, 124) }
```

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

```
.background{ background-color: rgb(60, 77,  
124) }
```

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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