

Converting Colors

YIQ(27.2430, 21.3650, 3.7730)

Have a look what the booklet for
YIQ(27.2430, 21.3650, 3.7730)
contains.

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Color

**YIQ(27.2430, 21.3650,
3.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	32130A
RGB	50, 19, 10
RGB Percent	20%, 7%, 4%
CMY	0.8039, 0.9255, 0.9607
CMYK	0.00, 0.62, 0.80, 0.80
HSL	13°, 67%, 12%
HSV	13°, 80%, 20%
XYZ	1.6038, 1.1658, 0.4283
YIQ	27.2430, 21.3650, 3.7730

Conversions

Conversions Part 2

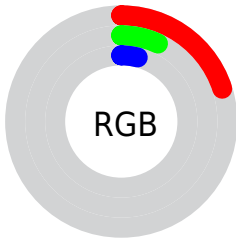
Format	Color
R_{YB}	50, 22, 10
Decimal	3281674
CIE _{Lab}	10.30, 14.87, 11.64
CIE _{LCh}	10, 18.883, 38.043
Yxy	1.1658, 0.5015, 0.3646
Android (android.graphics.Color)	4281471754 (0xFF32130A)
YUV	27.2430, -8.5008, 19.9579
Hunter-Lab	10.7973, 7.6188, 5.2061

Details

The YIQ color **27.2430, 21.3650, 3.7730** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.7570, -21.3650, -3.7730**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.1510, 24.6200, 5.3560**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.3250, 24.0700, 4.3100**, and if you desaturate by 10%, it is **30.1610, 18.6600, 3.2360**.

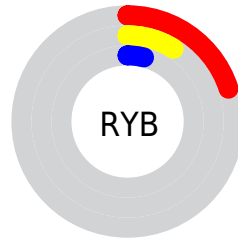
Distribution



Red (20%)

Green (7%)

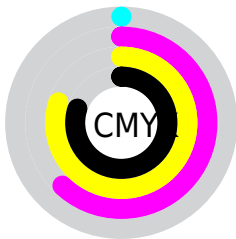
Blue (4%)



Red (20%)

Yellow (9%)

Blue (4%)

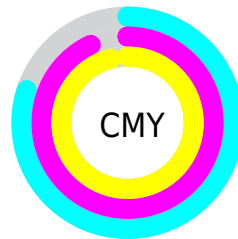


Cyan (0%)

Magenta (62%)

Yellow (80%)

Black (80%)



Cyan (80%)

Magenta (93%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.2430, 21.3650, 3.7730 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 27.2430, 21.3650, 3.7730 by changing the saturation by 10% instead.

■ 27.2430, 21.3650,
3.7730

■ 27.2430, 21.3650,
3.7730

■ 246.7360, 9.4910,
-1.3010

■ 8.6710, 17.2840,
6.1480

■ 72.1510, 24.6200,
5.3560

■ 0.0000, 0.0000,
0.0000

■ 96.3360, 25.5370,
5.2570


■ 121.2330, 27.3250,
5.8930


■ 147.4180, 28.2420,
5.7940


■ 174.0160, 29.4340,
6.2180


■ 201.5000, 30.9470,


6.3310


 227.1080, 26.1790,
4.6350


 27.2430, 21.3650,
3.7730


 27.2430, 21.3650,
3.7730


 24.3250, 24.0700,
4.3100


 30.1610, 18.6600,
3.2360

 21.4070, 26.7750,
4.8470

 33.0790, 15.9550,
2.6990

 35.9970, 13.2500,
2.1620

 38.9150, 10.5450,
1.6250

 41.2460, 8.1150,
1.6110

■ 44.1640, 5.4100,
1.0740

■ 47.0820, 2.7050,
0.5370

■ 50.0000, -0.0000,
-0.0000

■ 52.9180, -2.7050,
-0.5370

Harmonies

Analogous

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



27.4910, 17.9710, 10.2190



27.2430, 21.3650, 3.7730



27.2440, 19.6240, -3.2240

Triad

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



27.2430, 21.3650, 3.7730



22.0100, -15.1280, -12.1840



25.1690, -19.3490, 3.7470

Complementary

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



27.2430, 21.3650, 3.7730



32.7570, -21.3650, -3.7730

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.



24.7120, -25.4920, -0.5640



27.2430, 21.3650, 3.7730



24.0790, -19.5760, -8.6640

Square

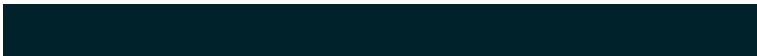
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.2430, 21.3650, 3.7730



24.8780, 2.7990, -12.1850



24.8600, -23.1530, -4.4090



28.8400, -2.0650, 9.8950

Rectangle

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



27.2430, 21.3650, 3.7730



26.9120, 14.6270, -6.2770



24.8600, -23.1530, -4.4090



23.7660, -25.5840, 1.1040

Sweetspot

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



27.2430, 21.3650, 3.7730



55.1320, 8.4360, 1.3000



25.4940, 13.8890, 18.1210



27.8650, 4.8140, 0.8620



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



27.2430, 21.3650, 3.7730



28.8700, 32.7810, 6.1330



38.9830, 15.8650, -6.6870



24.4840, 1.5130, 0.1130



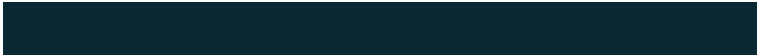
38.3510, 47.5440, 8.4080



93.6460, 115.8570, 20.3770

Inverse Universe

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



32.7570, -21.3650, -3.7730



37.5430, -32.5060, -5.6100



21.0170, -15.8650, 6.6870



24.5160, -1.5130, -0.1130



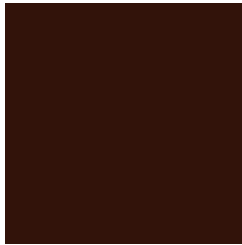
50.6490, -47.5440, -8.4080



123.3540, -115.8570, -20.3770

Previews

White Background



This preview shows how the YIQ color 27.2430, 21.3650, 3.7730 looks on a white background.

Color Contrast Check

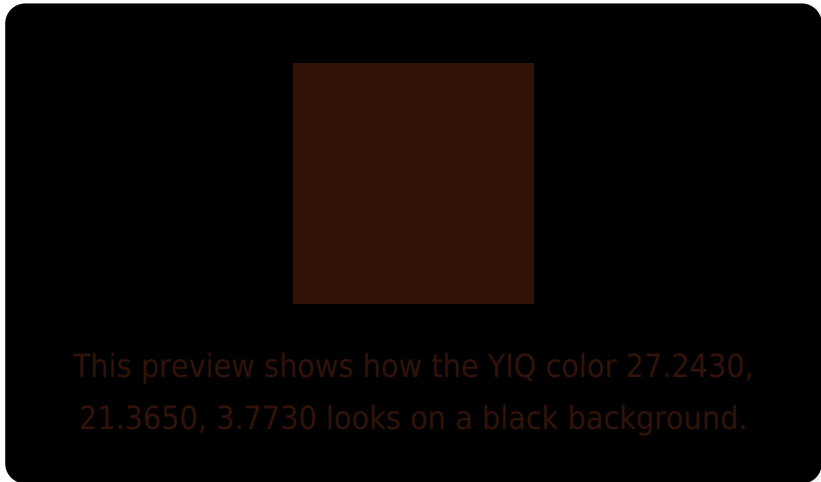
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

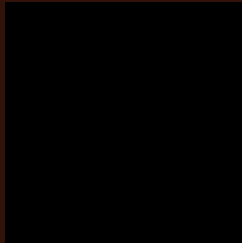
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.2430, 21.3650, 3.7730

Background



This preview shows how black text looks on a background with the YIQ color 27.2430, 21.3650, 3.7730.

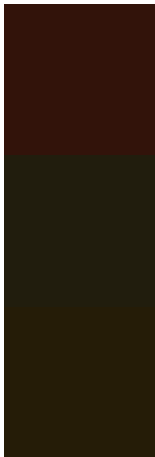


This preview shows how white text looks on a background with the YIQ color 27.2430, 21.3650,

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

27.2430, 21.3650, 3.7730

Protanopia

28.3720, 7.5200, -4.1280

Deuteranopia

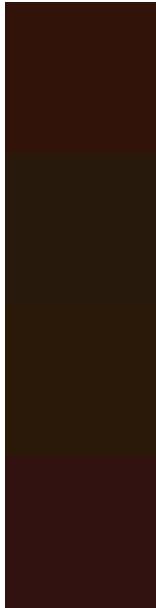
28.2970, 12.1050, -4.6230



Tritanopia

27.6820, 18.7510, 7.0950

Trichromacy



Original Color

27.2430, 21.3650, 3.7730

Protanomaly

27.7040, 12.5170, -1.0750

Deuteranomaly

28.1450, 15.5890, -1.6830

Tritanomaly

27.3400, 19.7140, 6.1620

Monochromacy



Original Color

27.2430, 21.3650, 3.7730

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.2430, 21.3650, 3.7730 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(50, 19, 10)` looks like.

```
.text, #text, p{  
    color:rgb(50, 19, 10)  
}
```

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(50, 19, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 19, 10) }
```

Border

The CSS property to change the border of an element to YIQ 27.2430, 21.3650, 3.7730 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(50, 19, 10) }
```


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

```
.border{ border-color:rgb(50, 19, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 19, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 19, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 19, 10);  
box-shadow:4px 4px 4px 4px rgb(50, 19, 10)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.2430, 21.3650, 3.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 19, 10) }
```

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

```
.background{ background-color: rgb(50, 19,  
10) }
```

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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