

Converting Colors

YIQ(23.4460, 4.6760, 3.3640)

Have a look what the booklet for
YIQ(23.4460, 4.6760, 3.3640)
contains.

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Color

YIQ(23.4460, 4.6760, 3.3640)

Conversions

Conversions Part 1

Format	Color
Hex	1E1418
RGB	30, 20, 24
RGB Percent	12%, 8%, 9%
CMY	0.8823, 0.9216, 0.9059
CMYK	0.00, 0.33, 0.20, 0.88
HSL	336°, 20%, 10%
HSV	336°, 33%, 12%
XYZ	0.9506, 0.8422, 0.9768
YIQ	23.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

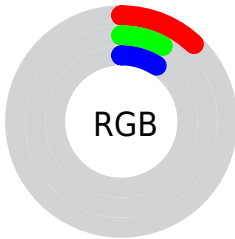
Format	Color
R_{YB}	30, 20, 24
Decimal	1971224
CIE _{Lab}	7.61, 5.97, -0.85
CIE _{LCh}	8, 6.029, 351.855
Yxy	0.8422, 0.3432, 0.3041
Android (android.graphics.Color)	4280161304 (0xFF1E1418)
YUV	23.4460, 0.2731, 5.7479
Hunter-Lab	9.1774, 2.4288, 0.1134

Details

The YIQ color **23.4460, 4.6760, 3.3640** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.5540, -4.6760, -3.3640**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **66.1580, 5.5470, 4.0990**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.4570, 6.1430, 4.3110**, and if you desaturate by 10%, it is **25.4350, 3.2090, 2.4170**.

Distribution



Red (12%)

Green (8%)

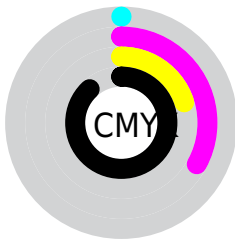
Blue (9%)



Red (12%)

Yellow (8%)

Blue (9%)



Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (88%)



Cyan (88%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.4460, 4.6760, 3.3640 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 23.4460, 4.6760, 3.3640 by changing the saturation by 10% instead.

■ 23.4460, 4.6760,
3.3640

■ 23.4460, 4.6760,
3.3640

■ 247.9730, 4.6300,
4.1980

■ 0.0000, 0.0000,
0.0000

■ 66.1580, 5.5470,
4.0990

■ 89.4570, 6.1430,
4.3110

■ 114.4570, 6.1430,
4.3110

■ 139.4570, 6.1430,
4.3110

■ 165.7560, 6.7390,
4.5230

■ 192.7560, 6.7390,

4.5230

■ 221.0550, 7.3350,
4.7350

■ 23.4460, 4.6760,
3.3640

■ 23.4460, 4.6760,
3.3640

■ 21.4570, 6.1430,
4.3110

■ 25.4350, 3.2090,
2.4170

■ 19.4680, 7.6100,
5.2580

■ 27.4240, 1.7420,
1.4700

■ 17.5930, 8.7560,
6.5160

■ 29.2990, 0.5960,
0.2120

■ 15.6040, 10.2230,
7.4630

■ 31.2880, -0.8710,
-0.7350

■ 13.6150, 11.6900,
8.4100

■ 33.2770, -2.3380,
-1.6820

■ 11.6260, 13.1570,
9.3570

■ 35.2660, -3.8050,
-2.6290

■ 10.3380, 14.0280,
10.0920

■ 37.2550, -5.2720,
-3.5760

■ 39.1300, -6.4180,
-4.8340

■ 41.1190, -7.8850,
-5.7810

Harmonies

Analogous

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



23.5920, 1.3290, 3.4490



23.4460, 4.6760, 3.3640



23.2890, 6.5560, 2.3320

Triad

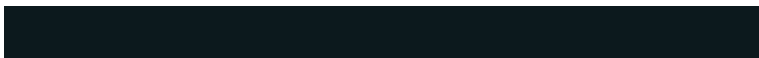
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.4460, 4.6760, 3.3640



21.9740, 2.8890, -2.7990



21.5690, -9.0320, -1.5120

Complementary

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



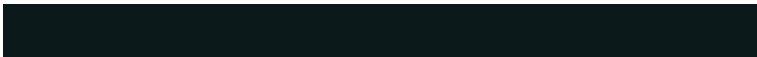
23.4460, 4.6760, 3.3640



26.5540, -4.6760, -3.3640

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.



20.9280, -8.6650, -2.6570



23.4460, 4.6760, 3.3640



21.9950, -1.6040, -3.9720

Square

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



23.4460, 4.6760, 3.3640



22.4690, 5.8690, -1.7390



20.9560, -5.8680, -3.7880



22.1180, -6.1440, 1.2160

Rectangle

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



23.4460, 4.6760, 3.3640



22.9470, 7.5190, 1.3990



20.9560, -5.8680, -3.7880



21.1560, -9.3070, -2.0350

Sweetspot

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



23.4460, 4.6760, 3.3640



35.4240, 1.7420, 1.4700



22.9340, 0.3660, 4.3820



18.7120, 0.8710, 0.7350



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



23.4460, 4.6760, 3.3640



28.1690, 7.0140, 5.0460



23.5770, 5.6850, 1.5970



14.2990, 0.5960, 0.2120



27.2690, 36.8120, 26.7000



71.3550, 96.7290, 69.6970

Inverse Universe

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



23.4460, 4.6760, 3.3640



28.1690, 7.0140, 5.0460



26.4230, -5.6850, -1.5970



14.2990, 0.5960, 0.2120



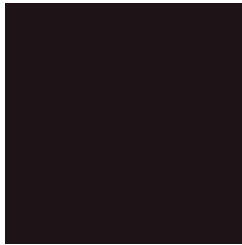
27.2690, 36.8120, 26.7000



71.3550, 96.7290, 69.6970

Previews

White Background



This preview shows how the YIQ color 23.4460, 4.6760, 3.3640 looks on a white background.

Color Contrast Check

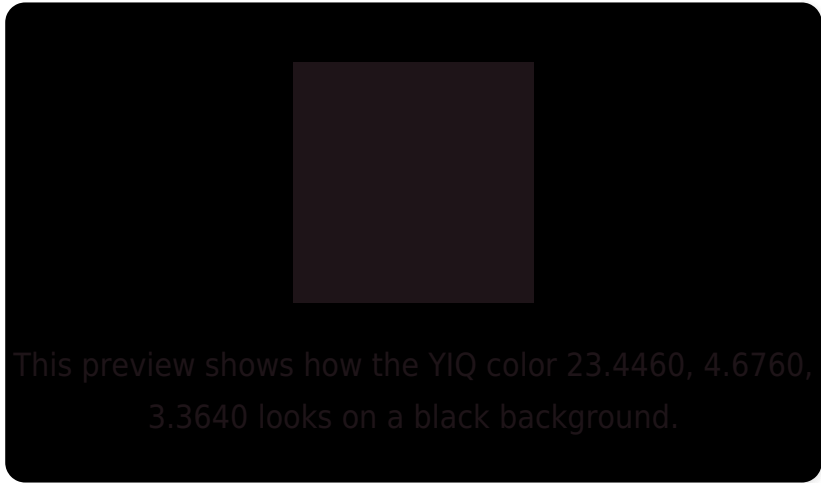
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4460, 4.6760, 3.3640

Background



This preview shows how black text looks on a background with the YIQ color 23.4460, 4.6760, 3.3640.

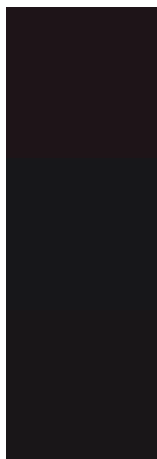


This preview shows how white text looks on a background with the YIQ color 23.4460, 4.6760, 3.3640.

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

23.4460, 4.6760, 3.3640

Protanopia

23.3420, -0.9630, 0.9330

Deuteranopia

23.1250, 1.1460, 1.2580



Tritanopia

23.2180, 5.3180, 2.7420

Trichromacy



Original Color

23.4460, 4.6760, 3.3640

Protanomaly

23.5380, 1.4210, 1.7810

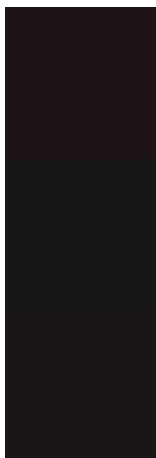
Deuteranomaly

23.1360, 2.6130, 2.2050

Tritanomaly

23.3320, 4.9970, 3.0530

Monochromacy



Original Color

23.4460, 4.6760, 3.3640

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.4460, 4.6760, 3.3640 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(30, 20, 24)` looks like.

```
.text, #text, p{  
    color:rgb(30, 20, 24)  
}
```

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(30, 20, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 20, 24) }
```

Border

The CSS property to change the border of an element to YIQ 23.4460, 4.6760, 3.3640 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(30, 20, 24) }
```

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

```
.border{ border-color:rgb(30, 20, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 20, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 20, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 20, 24);  
box-shadow:4px 4px 4px 4px rgb(30, 20, 24)  
}
```


Background

The CSS property to change the background color of an element to YIQ 23.4460, 4.6760, 3.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 20, 24) }
```

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

```
.background{ background-color: rgb(30, 20,  
24) }
```

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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