

Converting Colors

YIQ(36.0200, 23.6110, 7.1230)

Have a look what the booklet for
YIQ(36.0200, 23.6110, 7.1230)
contains.

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Color

**YIQ(36.0200, 23.6110,
7.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	3F1916
RGB	63, 25, 22
RGB Percent	25%, 10%, 9%
CMY	0.7529, 0.9020, 0.9136
CMYK	0.00, 0.60, 0.65, 0.75
HSL	4°, 48%, 17%
HSV	4°, 65%, 25%
XYZ	2.5437, 1.8101, 0.9756
YIQ	36.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

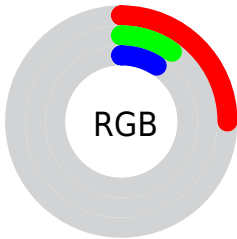
Format	Color
RYB	63, 25, 22
Decimal	4135190
CIELab	14.46, 18.28, 10.97
CIELCh	14, 21.318, 30.978
Yxy	1.8101, 0.4773, 0.3396
Android (android.graphics.Color)	4282325270 (0xFF3F1916)
YUV	36.0200, -6.9119, 23.6615
Hunter-Lab	13.4540, 10.2036, 5.1184

Details

The YIQ color **36.0200, 23.6110, 7.1230** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.9800, -23.6110, -7.1230**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5860, 27.8290, 7.7730**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.8140, 27.1870, 8.3950**, and if you desaturate by 10%, it is **40.2260, 20.0350, 5.8510**.

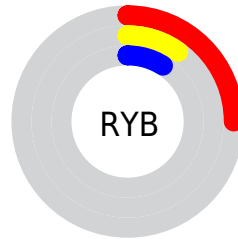
Distribution



Red (25%)

Green (10%)

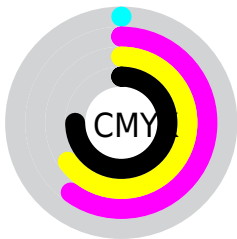
Blue (9%)



Red (25%)

Yellow (10%)

Blue (9%)

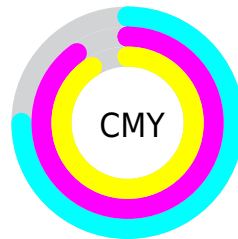


Cyan (0%)

Magenta (60%)

Yellow (65%)

Black (75%)



Cyan (75%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.0200, 23.6110, 7.1230 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 36.0200, 23.6110, 7.1230 by changing the saturation by 10% instead.

■ 36.0200, 23.6110,
7.1230

■ 36.0200, 23.6110,
7.1230

■ 254.0880, 2.5680,
-2.4880

■ 12.8460, 24.1610,
8.1690

■ 81.5860, 27.8290,
7.7730

■ 0.0000, 0.0000,
0.0000

■ 106.4830, 29.6170,
8.4090

■ 131.9670, 31.1300,
8.5220

■ 158.5650, 32.3220,
8.9460

■ 185.7500, 33.2390,
8.8470

■ 213.3480, 34.4310,

9.2710

■ 233.8730, 19.5310,
3.9710

■ 36.0200, 23.6110,
7.1230

■ 36.0200, 23.6110,
7.1230

■ 31.8140, 27.1870,
8.3950

■ 40.2260, 20.0350,
5.8510

■ 27.4940, 31.0840,
9.3560

■ 44.5460, 16.1380,
4.8900

■ 23.2880, 34.6600,
10.6280

■ 48.7520, 12.5620,
3.6180

■ 21.7720, 36.1730,
10.7410

■ 52.3710, 9.2610,
2.8690

■ 56.6910, 5.3640,
1.9080

■ 60.8970, 1.7880,
0.6360

■ 65.1030, -1.7880,
-0.6360

■ 69.3090, -5.3640,
-1.9080

■ 73.6290, -9.2610,
-2.8690

Harmonies

Analogous

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



36.5560, 19.3460, 12.8340



36.0200, 23.6110, 7.1230



35.1520, 22.8790, -1.6410

Triad

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



36.0200, 23.6110, 7.1230



30.0270, -13.7980, -14.2620



31.0260, -29.2520, 1.5000

Complementary

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



36.0200, 23.6110, 7.1230



48.9800, -23.6110, -7.1230

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.



31.7220, -31.4520, -2.6840



36.0200, 23.6110, 7.1230



30.0460, -23.9770, -11.5050

Square

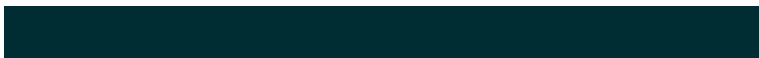
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.0200, 23.6110, 7.1230



33.1340, 4.9540, -12.6940



31.7560, -28.7920, -6.8400



37.2140, -6.0540, 10.6020

Rectangle

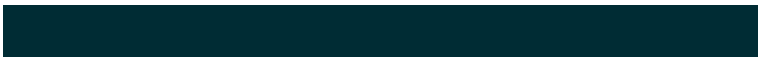
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.0200, 23.6110, 7.1230



34.7230, 19.5330, -7.0830



31.7560, -28.7920, -6.8400



31.0040, -32.1860, -0.3940

Sweetspot

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



36.0200, 23.6110, 7.1230



70.6700, 9.8570, 3.0810



38.5910, 12.2380, 20.5100



34.5770, 5.6850, 1.5970



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



36.0200, 23.6110, 7.1230



40.0710, 36.7690, 10.9530



47.7600, 18.1110, -3.3370



28.8970, 1.7880, 0.6360



32.2150, 54.0990, 16.2670



75.7700, 127.9120, 38.6960

Inverse Universe

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



48.9800, -23.6110, -7.1230



59.9290, -36.7690, -10.9530



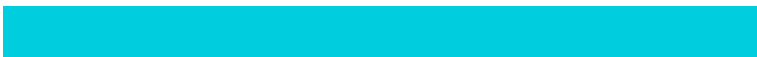
37.2400, -18.1110, 3.3370



29.5160, -1.5130, -0.1130



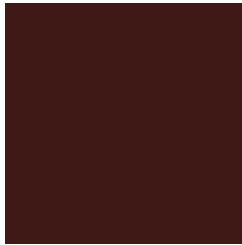
62.3720, -54.3740, -16.7900



146.2300, -127.9120, -38.6960

Previews

White Background



This preview shows how the YIQ color 36.0200, 23.6110, 7.1230 looks on a white background.

Color Contrast Check

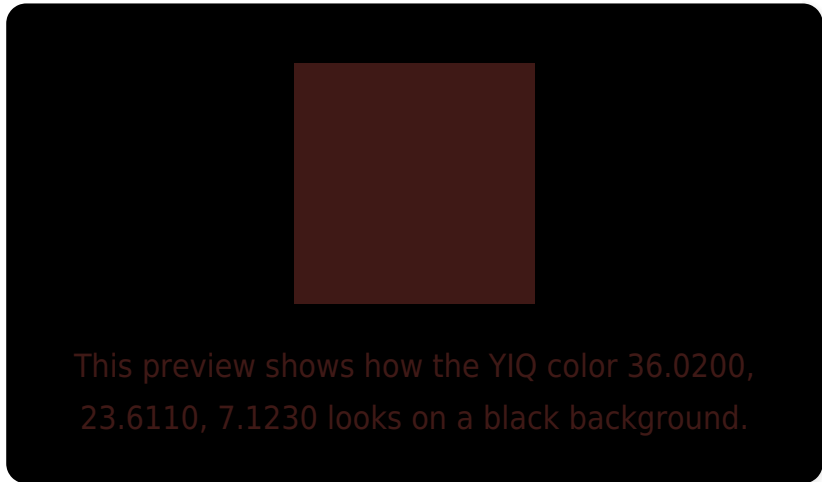
Large Text (above 18pt) WCAG AA ✓ Pass

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

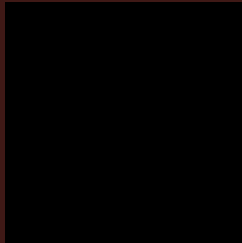
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.0200, 23.6110, 7.1230

Background



This preview shows how black text looks on a background with the YIQ color 36.0200, 23.6110, 7.1230.

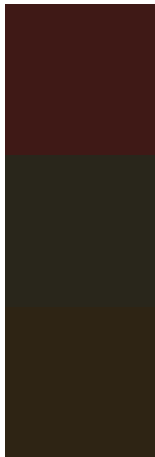


This preview shows how white text looks on a background with the YIQ color 36.0200, 23.6110,

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

36.0200, 23.6110, 7.1230

Protanopia

37.6430, 5.3190, -2.7850

Deuteranopia

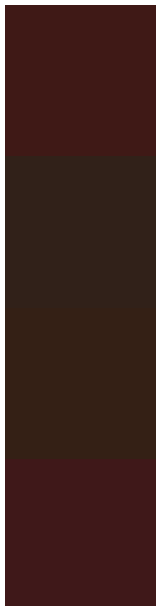
37.1660, 11.0960, -2.8560



Tritanopia

35.8890, 22.6020, 8.8900

Trichromacy



Original Color

36.0200, 23.6110, 7.1230

Protanomaly

36.8720, 12.1040, 0.9040

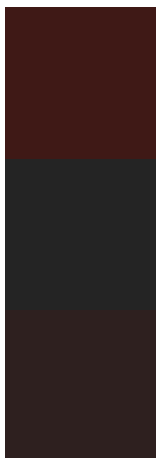
Deuteranomaly

36.7260, 15.4510, 0.8190

Tritanomaly

35.7750, 22.9230, 8.5790

Monochromacy



Original Color

36.0200, 23.6110, 7.1230

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0720, 8.6650, 2.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.0200, 23.6110, 7.1230 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(63, 25, 22)` looks like.

```
.text, #text, p{  
    color:rgb(63, 25, 22)  
}
```

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(63, 25, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 25, 22) }
```

Border

The CSS property to change the border of an element to YIQ 36.0200, 23.6110, 7.1230 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(63, 25, 22) }
```


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

```
.border{ border-color:rgb(63, 25, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 25, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 25, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 25, 22);  
box-shadow:4px 4px 4px 4px rgb(63, 25, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.0200, 23.6110, 7.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 25, 22) }
```

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

```
.background{ background-color: rgb(63, 25,  
22) }
```

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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