

Converting Colors

YIQ(36.1950, 4.1250, 7.8450)

Have a look what the booklet for
YIQ(36.1950, 4.1250, 7.8450)
contains.

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Color

YIQ(36.1950, 4.1250, 7.8450)

Conversions

Conversions Part 1

Format	Color
Hex	2D1E2D
RGB	45, 30, 45
RGB Percent	18%, 12%, 18%
CMY	0.8235, 0.8824, 0.8235
CMYK	0.00, 0.33, 0.00, 0.82
HSL	300°, 20%, 15%
HSV	300°, 33%, 18%
XYZ	2.0205, 1.6758, 2.6997
YIQ	36.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

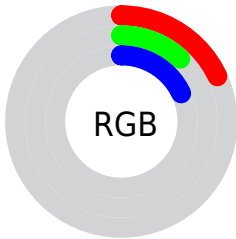
Format	Color
RYB	45, 30, 45
Decimal	2956845
CIELab	13.68, 10.56, -7.14
CIELCh	14, 12.743, 325.930
Yxy	1.6758, 0.3159, 0.2620
Android (android.graphics.Color)	4281146925 (0xFF2D1E2D)
YUV	36.1950, 4.3409, 7.7220
Hunter-Lab	12.9455, 5.2051, -3.3029

Details

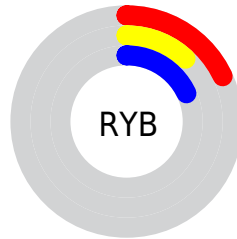
The YIQ color **36.1950, 4.1250, 7.8450** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.8050, -4.1250, -7.8450**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.0210, 4.6750, 8.8910**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.2600, 5.5000, 10.4600**, and if you desaturate by 10%, it is **38.5430, 3.0250, 5.7530**.

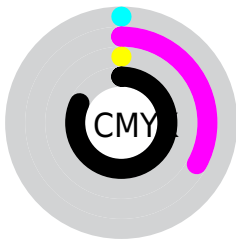
Distribution



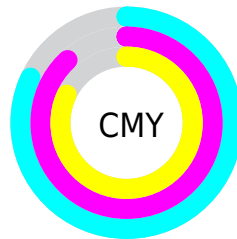
- Red (18%)
- Green (12%)
- Blue (18%)



- Red (18%)
- Yellow (12%)
- Blue (18%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (82%)



- Cyan (82%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.1950, 4.1250, 7.8450 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 36.1950, 4.1250, 7.8450 by changing the saturation by 10% instead.

■ 36.1950, 4.1250,
7.8450

■ 36.1950, 4.1250,
7.8450

■ 255.0000, -0.0000,
-0.0000

■ 13.8470, 5.2250,
9.9370

■ 81.0210, 4.6750,
8.8910

■ 0.0000, 0.0000,
0.0000

■ 105.3200, 5.2710,
9.1030

■ 130.4340, 4.9500,
9.4140

■ 156.1460, 5.8210,
10.1490

■ 183.1460, 5.8210,
10.1490

■ 211.1460, 5.8210,

10.1490

■ 239.5590, 6.0960,
10.6720

■ 36.1950, 4.1250,
7.8450

■ 36.1950, 4.1250,
7.8450

■ 33.2600, 5.5000,
10.4600

■ 38.5430, 3.0250,
5.7530

■ 30.9120, 6.6000,
12.5520

■ 41.4780, 1.6500,
3.1380

■ 27.9770, 7.9750,
15.1670

■ 43.8260, 0.5500,
1.0460

■ 25.6290, 9.0750,
17.2590

■ 46.7610, -0.8250,
-1.5690

■ 22.6940, 10.4500,
19.8740

■ 49.6960, -2.2000,
-4.1840

■ 20.3460, 11.5500,
21.9660

■ 52.0440, -3.3000,
-6.2760

■ 18.5850, 12.3750,
23.5350

■ 54.9790, -4.6750,
-8.8910

■ 57.3270, -5.7750,
-10.9830

■ 60.2620, -7.1500,
-13.5980

Harmonies

Analogous

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



35.3510, -5.1820, 5.8100



36.1950, 4.1250, 7.8450



35.9030, 10.8190, 7.6750

Triad

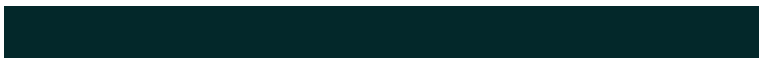
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.1950, 4.1250, 7.8450



34.4540, 10.2250, -3.5910



29.1650, -22.6940, -7.2220

Complementary

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



36.1950, 4.1250, 7.8450



38.8050, -4.1250, -7.8450

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.



30.5310, -15.0370, -8.3250



36.1950, 4.1250, 7.8450



33.7520, 3.3940, -6.4460

Square

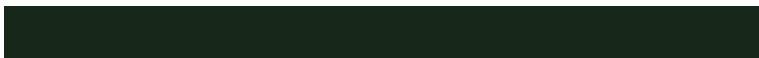
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.1950, 4.1250, 7.8450



35.2420, 13.9380, 0.7060



32.6200, -5.0420, -7.7460



29.6860, -22.6030, -3.3630

Rectangle

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



36.1950, 4.1250, 7.8450



35.5180, 13.3410, 6.0210



32.6200, -5.0420, -7.7460



29.2360, -21.4560, -7.6320

Sweetspot

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



36.1950, 4.1250, 7.8450



55.4780, 1.6500, 3.1380



31.7100, -4.8150, 4.6650



28.6520, 1.1000, 2.0920



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



36.1950, 4.1250, 7.8450



44.9120, 6.6000, 12.5520



35.3970, 6.3720, 5.6680



21.8260, 0.5500, 1.0460



35.9310, 23.9250, 45.5010



88.3820, 58.8500, 111.9220

Inverse Universe

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



36.1950, 4.1250, 7.8450



44.9120, 6.6000, 12.5520



39.7170, -6.6930, -5.3570



21.8260, 0.5500, 1.0460



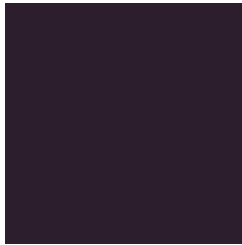
35.9310, 23.9250, 45.5010



88.3820, 58.8500, 111.9220

Previews

White Background



This preview shows how the YIQ color 36.1950, 4.1250, 7.8450 looks on a white background.

Color Contrast Check

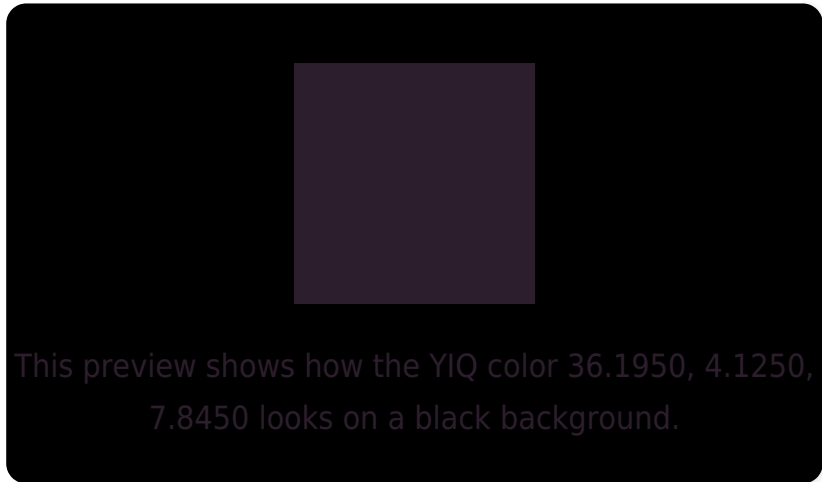
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1950, 4.1250, 7.8450

Background



This preview shows how black text looks on a background with the YIQ color 36.1950, 4.1250, 7.8450.



This preview shows how white text looks on a background with the YIQ color 36.1950, 4.1250, 7.8450.

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

36.1950, 4.1250, 7.8450

Protanopia

35.4000, -6.8780, 3.5060

Deuteranopia

35.7270, -3.4850, 2.5870



Tritanopia

35.9300, 6.1890, 3.4770

Trichromacy



Original Color

36.1950, 4.1250, 7.8450

Protanomaly

35.6070, -3.0270, 5.3010

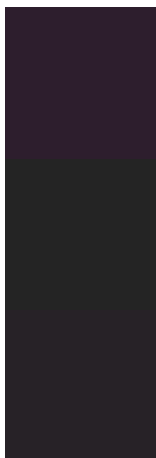
Deuteranomaly

35.7490, -0.5510, 4.4810

Tritanomaly

35.7990, 5.1800, 5.2440

Monochromacy



Original Color

36.1950, 4.1250, 7.8450

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.1950, 4.1250, 7.8450 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(45, 30, 45)` looks like.

```
.text, #text, p{  
    color:rgb(45, 30, 45)  
}
```

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(45, 30, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 30, 45) }
```

Border

The CSS property to change the border of an element to YIQ 36.1950, 4.1250, 7.8450 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(45, 30, 45) }
```

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

```
.border{ border-color:rgb(45, 30, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 30, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 30, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 30, 45);  
box-shadow:4px 4px 4px 4px rgb(45, 30, 45)  
}
```


Background

The CSS property to change the background color of an element to YIQ 36.1950, 4.1250, 7.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 30, 45) }
```

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

```
.background{ background-color: rgb(45, 30,  
45) }
```

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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