

Converting Colors

YIQ(36.2540, 22.8320, 4.7200)

Have a look what the booklet for
YIQ(36.2540, 22.8320, 4.7200)
contains.

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Color

**YIQ(36.2540, 22.8320,
4.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1B13
RGB	61, 27, 19
RGB Percent	24%, 11%, 7%
CMY	0.7607, 0.8942, 0.9254
CMYK	0.00, 0.56, 0.69, 0.76
HSL	11°, 52%, 16%
HSV	11°, 69%, 24%
XYZ	2.4350, 1.8230, 0.8407
YIQ	36.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

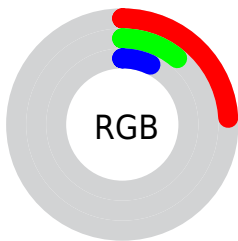
Format	Color
R_{YB}	61, 29, 19
Decimal	4004627
CIE Lab	14.53, 15.80, 13.03
CIE LCh	15, 20.480, 39.495
Yxy	1.8230, 0.4776, 0.3575
Android (android.graphics.Color)	4282194707 (0xFF3D1B13)
YUV	36.2540, -8.5062, 21.7022
Hunter-Lab	13.5019, 8.5633, 5.7595

Details


The YIQ color **36.2540, 22.8320, 4.7200** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **43.7460, -22.8320, -4.7200**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8200, 27.0500, 5.3700**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.6350, 26.1330, 5.4690**, and if you desaturate by 10%, it is **39.8730, 19.5310, 3.9710**.

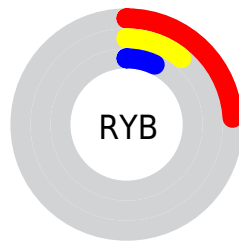
Distribution



 Red (24%)

 Green (11%)

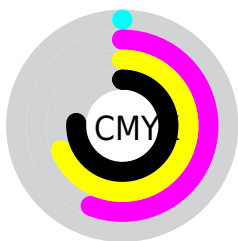
 Blue (7%)




 Red (24%)

 Yellow (11%)

 Blue (7%)

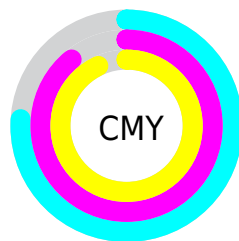



 Cyan (0%)


 Magenta (56%)

 Yellow (69%)

 Black (76%)



 Cyan (76%)

 Magenta (89%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.2540, 22.8320, 4.7200 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 36.2540, 22.8320, 4.7200 by changing the saturation by 10% instead.

■ 36.2540, 22.8320,
4.7200

■ 36.2540, 22.8320,
4.7200

■ 253.6320, 3.8520,
-3.7320

■ 13.4220, 22.4190,
6.6990

■ 81.8200, 27.0500,
5.3700

■ 0.0000, 0.0000,
0.0000

■ 106.3040, 28.5630,
5.4830

■ 131.9020, 29.7550,
5.9070

■ 158.3860, 31.2680,
6.0200

■ 185.2830, 33.0560,
6.6560

■ 213.4680, 33.9730,

6.5570

234.5910, 20.2650,
1.6810

36.2540, 22.8320,
4.7200

36.2540, 22.8320,
4.7200

32.6350, 26.1330,
5.4690

39.8730, 19.5310,
3.9710

29.0160, 29.4340,
6.2180

43.4920, 16.2300,
3.2220

25.3970, 32.7350,
6.9670

47.1110, 12.9290,
2.4730

25.2830, 33.0560,
6.6560

50.7300, 9.6280,
1.7240

54.4630, 6.0060,
1.2860

■ 58.0820, 2.7050,
0.5370

■ 61.7010, -0.5960,
-0.2120

■ 65.3200, -3.8970,
-0.9610

■ 68.3520, -6.9230,
-1.1870

Harmonies

Analogous

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



36.6870, 20.3550, 11.0670



36.2540, 22.8320, 4.7200



35.3150, 20.8620, -3.6340

Triad

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



36.2540, 22.8320, 4.7200



28.8030, -18.9790, -13.9790



34.8100, -19.7160, 4.8920

Complementary

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



36.2540, 22.8320, 4.7200



43.7460, -22.8320, -4.7200

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.



31.2490, -31.4980, -1.8500



36.2540, 22.8320, 4.7200



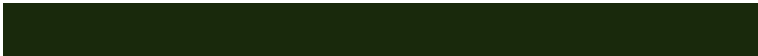
30.5020, -25.2610, -10.2610

Square

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



36.2540, 22.8320, 4.7200



32.9100, -0.2270, -12.4110



31.5110, -29.4800, -5.3840



38.0790, -1.2400, 11.4640

Rectangle

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



36.2540, 22.8320, 4.7200



34.8150, 16.2780, -8.6660



31.5110, -29.4800, -5.3840



31.2110, -28.3350, 1.4010

Sweetspot

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



36.2540, 22.8320, 4.7200



69.4310, 9.0320, 1.5120



35.4340, 14.1180, 19.4780



35.1640, 5.4100, 1.0740



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.



36.2540, 22.8320, 4.7200



40.3650, 35.7610, 7.1930



48.5810, 17.0570, -6.2630



28.8970, 1.7880, 0.6360



38.6720, 51.0740, 10.5140



91.0320, 120.7620, 25.0980

Inverse Universe

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



43.7460, -22.8320, -4.7200



52.2220, -36.0360, -7.7160



31.4190, -17.0570, 6.2630



29.5160, -1.5130, -0.1130



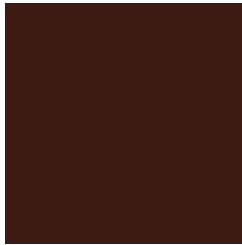
55.3280, -51.0740, -10.5140



130.9680, -120.7620, -25.0980

Previews

White Background



This preview shows how the YIQ color 36.2540, 22.8320, 4.7200 looks on a white background.

Color Contrast Check

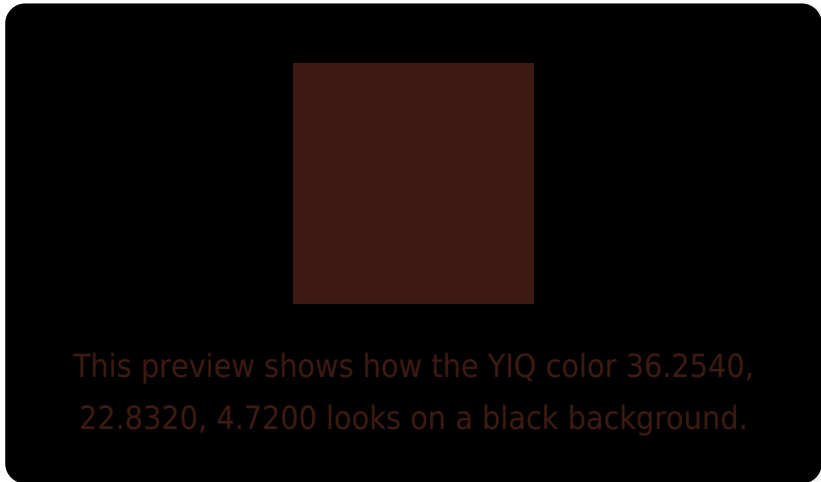
Large Text (above 18pt) WCAG AA ✓ Pass

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

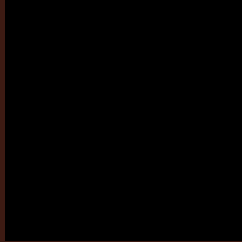
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.2540, 22.8320, 4.7200

Background



This preview shows how black text looks on a background with the YIQ color 36.2540, 22.8320, 4.7200.

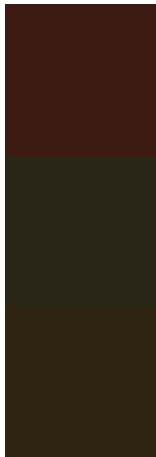


This preview shows how white text looks on a background with the YIQ color 36.2540, 22.8320,

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

36.2540, 22.8320, 4.7200

Protanopia

37.1870, 6.6030, -4.0290

Deuteranopia

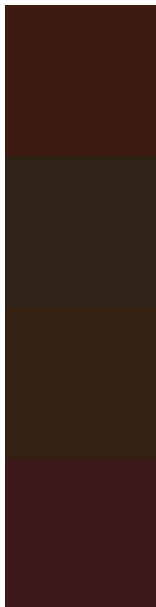
37.1230, 12.6550, -3.5770



Tritanopia

36.6930, 20.2180, 8.0420

Trichromacy



Original Color

36.2540, 22.8320, 4.7200

Protanomaly

36.8180, 12.1960, -0.7640

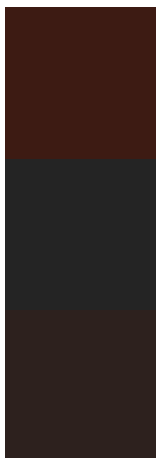
Deuteranomaly

36.9710, 16.1390, -0.6370

Tritanomaly

36.3510, 21.1810, 7.1090

Monochromacy



Original Color

36.2540, 22.8320, 4.7200

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.2460, 8.1150, 1.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.2540, 22.8320, 4.7200 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(61, 27, 19)` looks like.

```
.text, #text, p{  
    color:rgb(61, 27, 19)  
}
```

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(61, 27, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 27, 19) }
```

Border

The CSS property to change the border of an element to YIQ 36.2540, 22.8320, 4.7200 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(61, 27, 19) }
```


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

```
.border{ border-color:rgb(61, 27, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 27, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 27, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 27, 19);  
box-shadow:4px 4px 4px 4px rgb(61, 27, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.2540, 22.8320, 4.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 27, 19) }
```

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

```
.background{ background-color: rgb(61, 27,  
19) }
```

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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