

Converting Colors

YIQ(32.0500, -20.6320, -0.5360)

Have a look what the booklet for
YIQ(32.0500, -20.6320, -0.5360)
contains.

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Color

**YIQ(32.0500, -20.6320,
-0.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2636
RGB	12, 38, 54
RGB Percent	5%, 15%, 21%
CMY	0.9530, 0.8509, 0.7883
CMYK	0.78, 0.30, 0.00, 0.79
HSL	203°, 64%, 13%
HSV	203°, 78%, 21%
XYZ	1.5102, 1.7311, 3.7416
YIQ	32.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

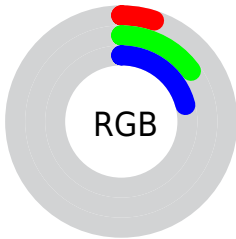
Format	Color
R_{YB}	12, 28, 54
Decimal	796214
CIE Lab	14.01, -3.64, -13.28
CIE LCh	14, 13.776, 254.662
Yxy	1.7311, 0.2163, 0.2479
Android (android.graphics.Color)	4278986294 (0xFF0C2636)
YUV	32.0500, 10.8214, -17.5838
Hunter-Lab	13.1572, -2.5367, -7.6508

Details

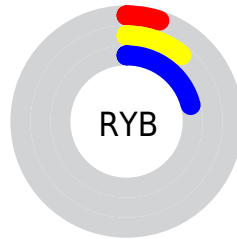
The YIQ color **32.0500, -20.6320, -0.5360** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33.9500, 20.6320, 0.5360**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **78.1750, -19.4860, 0.7220**, and **0.7980, -2.2470, 2.1770** is the 20% darker color. If you saturate the color by 10%, you get **29.3810, -23.0620, -0.5500**, and if you desaturate by 10%, it is **34.7190, -18.2020, -0.5220**.

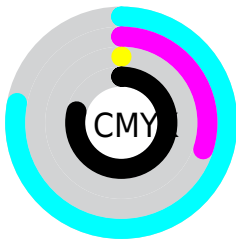
Distribution



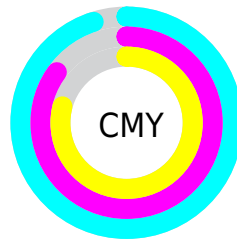
- Red (5%)
- Green (15%)
- Blue (21%)



- Red (5%)
- Yellow (11%)
- Blue (21%)



- Cyan (78%)
- Magenta (30%)
- Yellow (0%)
- Black (79%)



- Cyan (95%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.0500, -20.6320, -0.5360 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 32.0500, -20.6320, -0.5360 by changing the saturation by 10% instead.

■ 32.0500, -20.6320,
-0.5360

■ 32.0500, -20.6320,
-0.5360

■ 252.0100, -5.9600,
-2.1200

■ 13.7410, -15.2680,
1.3720

■ 77.8760, -20.0820,
0.5100

■ 0.7980, -2.2470,
2.1770

■ 102.2890,
-19.8070, 1.0330

■ 0.0000, 0.0000,
0.0000

■ 127.4030,
-20.1280, 1.3440

■ 153.1040,
-20.7240, 1.1320

■ 180.2180,
-21.0450, 1.4430

■ 207.9190,

-21.6410, 1.2310

■ 235.1210,
-19.3940, -0.9460

■ 32.0500, -20.6320,
-0.5360

■ 32.0500, -20.6320,
-0.5360

■ 29.3810, -23.0620,
-0.5500

■ 34.7190, -18.2020,
-0.5220

■ 26.4130, -26.0880,
-0.7760

■ 37.6870, -15.1760,
-0.2960

■ 25.5270, -26.4090,
-0.4650

■ 40.3560, -12.7460,
-0.2820

■ 43.3240, -9.7200,
-0.0560

■ 45.9930, -7.2900,
-0.0420

■ 48.6620, -4.8600,
-0.0280

■ 51.6300, -1.8340,
0.1980

■ 54.2990, 0.5960,
0.2120

■ 57.2670, 3.6220,
0.4380

Harmonies

Analogous

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



29.0660, -26.7290, -5.6810



32.0500, -20.6320, -0.5360



35.3720, -9.6750, 4.6370

Triad

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



32.0500, -20.6320, -0.5360



36.1160, 14.5330, 6.4450



33.1750, -2.2910, -8.0430

Complementary

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



32.0500, -20.6320, -0.5360



33.9500, 20.6320, 0.5360

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.



34.6060, 6.7410, -6.5310



32.0500, -20.6320, -0.5360



35.7800, 15.3590, 2.4870

Square

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



32.0500, -20.6320, -0.5360



36.9460, 9.2600, 8.3960



35.0630, 12.8840, -2.2200



31.0860, -12.2860, -8.6220

Rectangle

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



32.0500, -20.6320, -0.5360



36.8460, -2.2020, 6.8700



35.0630, 12.8840, -2.2200



33.4420, 1.3310, -7.6050

Sweetspot

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



32.0500, -20.6320, -0.5360



62.6940, -7.8860, -0.2540



38.3640, -16.3650, -17.3010



30.6620, -4.8600, -0.0280



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



32.0500, -20.6320, -0.5360



36.5910, -32.4610, -0.9170



20.3100, -15.1320, 9.9240



26.5160, -1.5130, -0.1130



43.9470, -45.2070, -1.1990



104.7980, -107.6990, -3.0190

Inverse Universe

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



27.5220, 16.6860, 16.9900



29.4080, 26.1750, 26.7430



45.6900, 15.1320, -9.9240



26.1250, 1.1460, 1.2580



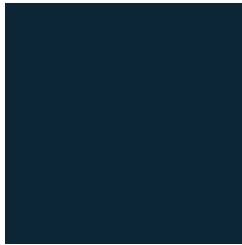
34.0060, 36.5350, 37.2310



80.9850, 86.8680, 88.7240

Previews

White Background



This preview shows how the YIQ color 32.0500, -20.6320, -0.5360 looks on a white background.

Color Contrast Check

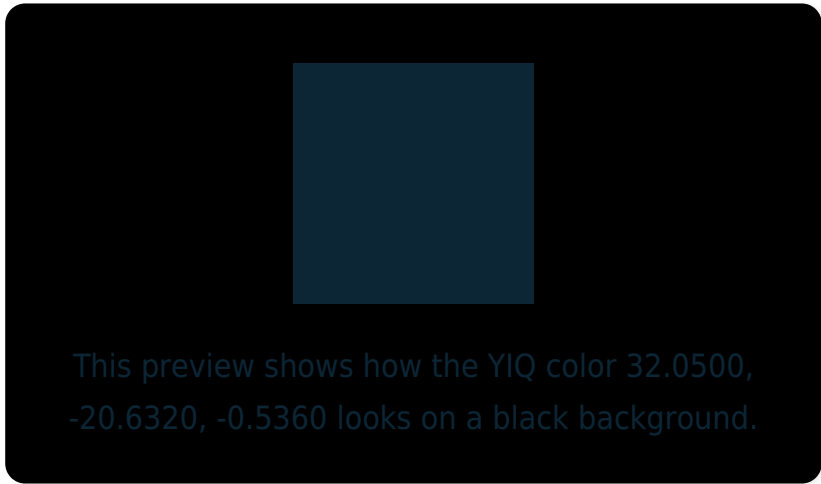
Large Text (above 18pt) WCAG AA ✓ Pass

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

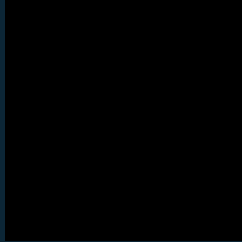
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.0500, -20.6320, -0.5360

Background



This preview shows how black text looks on a background with the YIQ color 32.0500, -20.6320, -0.5360.



This preview shows how white text looks on a background with the YIQ color 32.0500, -20.6320,

-0.5360.

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

32.0500, -20.6320, -0.5360

Protanopia

35.7420, -7.8410, 4.4390

Deuteranopia

35.4750, -11.4630, 4.0010



Tritanopia

28.3820, -24.8030, -7.5470

Trichromacy



Original Color

32.0500, -20.6320, -0.5360

Protanomaly

34.3500, -12.6090, 2.7430

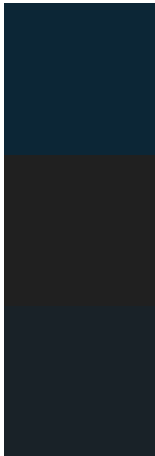
Deuteranomaly

34.5670, -14.7180, 2.4180

Tritanomaly

29.4470, -23.4280, -4.9320

Monochromacy



Original Color

32.0500, -20.6320, -0.5360

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.9930, -7.2900, -0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.0500, -20.6320, -0.5360 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(12, 38, 54)` looks like.

```
.text, #text, p{  
    color:rgb(12, 38, 54)  
}
```

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(12, 38, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 38, 54) }
```

Border

The CSS property to change the border of an element to YIQ 32.0500, -20.6320, -0.5360 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(12, 38, 54) }
```


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

```
.border{ border-color:rgb(12, 38, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 38, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 38, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 38, 54);  
box-shadow:4px 4px 4px 4px rgb(12, 38, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.0500, -20.6320, -0.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 38, 54) }
```

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

```
.background{ background-color: rgb(12, 38,  
54) }
```

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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