

Converting Colors

YIQ(32.4060, -24.2100, 9.2460)

Have a look what the booklet for
YIQ(32.4060, -24.2100, 9.2460)
contains.

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Color

**YIQ(32.4060, -24.2100,
9.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	0F214B
RGB	15, 33, 75
RGB Percent	6%, 13%, 29%
CMY	0.9412, 0.8706, 0.7060
CMYK	0.80, 0.56, 0.00, 0.71
HSL	222°, 67%, 18%
HSV	222°, 80%, 29%
XYZ	2.0099, 1.6972, 6.8724
YIQ	32.4060, -24.2100, 9.2460

Conversions

Conversions Part 2

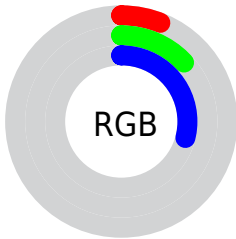
Format	Color
R_{YB}	15, 29, 75
Decimal	991563
CIE Lab	13.81, 9.77, -28.23
CIE LCh	14, 29.876, 289.091
Yxy	1.6972, 0.1900, 0.1604
Android (android.graphics.Color)	4279181643 (0xFF0F214B)
YUV	32.4060, 20.9988, -15.2651
Hunter-Lab	13.0277, 4.7400, -22.1573

Details

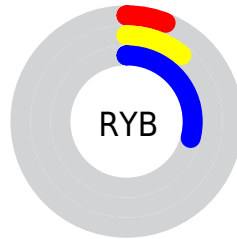
The YIQ color **32.4060, -24.2100, 9.2460** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.5940, 24.2100, -9.2460**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **79.3680, -21.0470, 12.4970**, and **4.5940, -10.1800, 8.2840** is the 20% darker color. If you saturate the color by 10%, you get **27.3780, -27.0070, 10.3770**, and if you desaturate by 10%, it is **37.4340, -21.4130, 8.1150**.

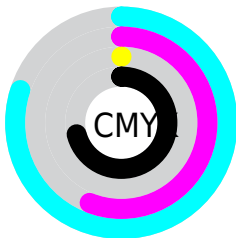
Distribution



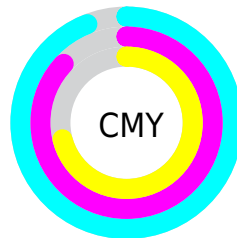
- Red (6%)
- Green (13%)
- Blue (29%)



- Red (6%)
- Yellow (11%)
- Blue (29%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (71%)



- Cyan (94%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.4060, -24.2100, 9.2460 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 32.4060, -24.2100, 9.2460 by changing the saturation by 10% instead.

■ 32.4060, -24.2100,
9.2460

■ 32.4060, -24.2100,
9.2460

■ 255.0000, -0.0000,
-0.0000

■ 11.7980, -19.4420,
10.9420

■ 79.3680, -21.0470,
12.4970

■ 4.5940, -10.1800,
8.2840

■ 103.8950,
-21.0930, 13.3310

■ 0.1140, -0.3210,
0.3110

■ 128.8350,
-20.8640, 14.6880

■ 0.0000, 0.0000,
0.0000

■ 155.0630,
-21.5060, 15.3100

■ 182.4760,
-21.2310, 15.8330

■ 208.9060,

-19.6260, 14.2780

■ 234.6000,
-10.3170, 5.2590

■ 32.4060, -24.2100,
9.2460

■ 32.4060, -24.2100,
9.2460

■ 27.3780, -27.0070,
10.3770

■ 37.4340, -21.4130,
8.1150

■ 22.0510, -30.4000,
11.2960

■ 42.7610, -18.0200,
7.1960

■ 48.3760, -15.4980,
5.5420

■ 53.7030, -12.1050,
4.6230

■ 58.7310, -9.3080,
3.4920

■ 64.0580, -5.9150,
2.5730

■ 69.6730, -3.3930,
0.9190

■ 75.0000, -0.0000,
-0.0000

■ 80.0280, 2.7970,
-1.1310

Harmonies

Analogous

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



32.1440, -35.3960, 2.7160



32.4060, -24.2100, 9.2460



36.2310, 4.4440, 18.5880

Triad

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



32.4060, -24.2100, 9.2460



32.3490, 32.6900, 2.2740



28.9060, -20.7670, -14.6150

Complementary

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



32.4060, -24.2100, 9.2460



57.5940, 24.2100, -9.2460

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.



26.5620, -8.2950, -20.3830



32.4060, -24.2100, 9.2460



33.4460, 21.8710, -5.4010

Square

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



32.4060, -24.2100, 9.2460



31.4820, 31.3580, 15.4060



32.1730, 9.2180, -12.8780



31.8870, -27.7830, -8.6070

Rectangle

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



32.4060, -24.2100, 9.2460



34.3420, 17.3730, 21.0610



32.1730, 9.2180, -12.8780



27.9940, -18.1990, -17.1030

Sweetspot

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



32.4060, -24.2100, 9.2460



80.7310, -9.3080, 3.4920



54.8940, -29.6610, -18.6290



38.5310, -5.8690, 1.7390



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



32.4060, -24.2100, 9.2460



31.0380, -37.5530, 14.2790



25.1290, -12.7040, 20.9920



35.6300, -1.8340, 0.1980



29.8250, -41.2670, 15.5090



66.7230, -92.8050, 35.4430

Inverse Universe

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



34.9920, 29.9820, 18.3180



34.9990, 46.4400, 28.4240



64.8710, 12.7040, -20.9920



35.4240, 1.7420, 1.4700



34.0320, 50.8410, 31.2650



76.6360, 114.9310, 70.2190

Previews

White Background



This preview shows how the YIQ color 32.4060, -24.2100, 9.2460 looks on a white background.

Color Contrast Check

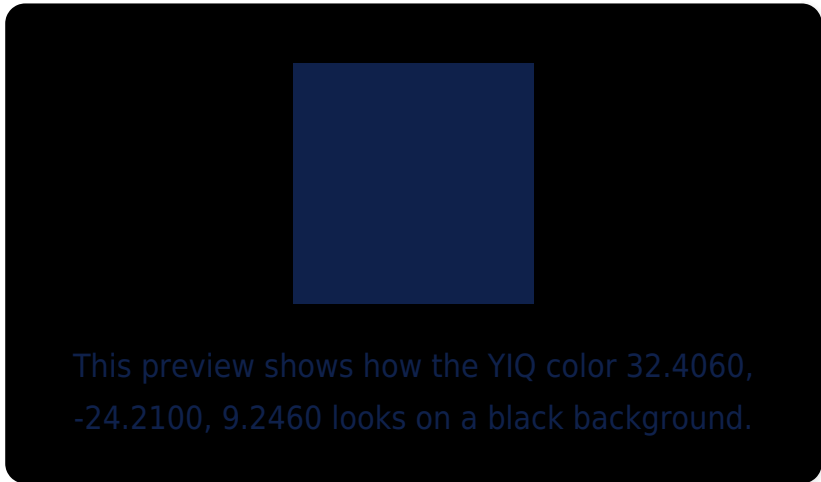
Large Text (above 18pt) WCAG AA ✓ Pass

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

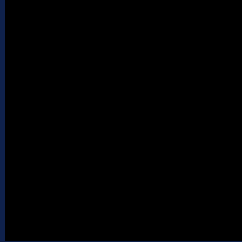
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.4060, -24.2100, 9.2460

Background



This preview shows how black text looks on a background with the YIQ color 32.4060, -24.2100, 9.2460.



This preview shows how white text looks on a background with the YIQ color 32.4060, -24.2100,

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

32.4060, -24.2100, 9.2460

Protanopia

28.2800, -32.7830, 4.9210

Deuteranopia

28.9010, -30.3980, 0.2420



Tritanopia

28.2680, -24.4820, -7.8580

Trichromacy



Original Color

32.4060, -24.2100, 9.2460

Protanomaly

29.8890, -30.1240, 6.2920

Deuteranomaly

30.2650, -28.4270, 3.0690

Tritanomaly

29.3700, -24.5290, -1.4970

Monochromacy



Original Color

32.4060, -24.2100, 9.2460

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

32.0300, -8.7120, 3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.4060, -24.2100, 9.2460 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(15, 33, 75)` looks like.

```
.text, #text, p{  
    color:rgb(15, 33, 75)  
}
```

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(15, 33, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 33, 75) }
```

Border

The CSS property to change the border of an element to YIQ 32.4060, -24.2100, 9.2460 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(15, 33, 75) }
```


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

```
.border{ border-color:rgb(15, 33, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 33, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 33, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 33, 75);  
box-shadow:4px 4px 4px 4px rgb(15, 33, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.4060, -24.2100, 9.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 33, 75) }
```

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

```
.background{ background-color: rgb(15, 33,  
75) }
```

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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