

Converting Colors

YIQ(90.6960, 32.1900, -21.7140)

Have a look what the booklet for
YIQ(90.6960, 32.1900, -21.7140)
contains.

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Color

**YIQ(90.6960, 32.1900,
-21.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6012
RGB	108, 96, 18
RGB Percent	42%, 38%, 7%
CMY	0.5765, 0.6235, 0.9292
CMYK	0.00, 0.11, 0.83, 0.58
HSL	52°, 71%, 25%
HSV	52°, 83%, 42%
XYZ	10.4757, 11.5964, 2.2605
YIQ	90.6960, 32.1900, -21.7140

Conversions

Conversions Part 2

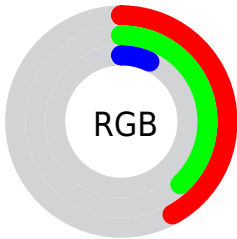
Format	Color
R_{YB}	32, 108, 18
Decimal	7102482
CIE Lab	40.57, -4.10, 42.56
CIE LCh	41, 42.758, 95.499
Yxy	11.5964, 0.4305, 0.4766
Android (android.graphics.Color)	4285292562 (0xFF6C6012)
YUV	90.6960, -35.8391, 15.1756
Hunter-Lab	34.0535, -4.6828, 19.9017

Details

The YIQ color **90.6960, 32.1900, -21.7140** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **35.3040, -32.1900, 21.7140**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.0060, 34.2530, -20.5550**, and **46.3930, 20.2220, -14.0660** is the 20% darker color. If you saturate the color by 10%, you get **88.8550, 35.9960, -24.6120**, and if you desaturate by 10%, it is **92.5370, 28.3840, -18.8160**.

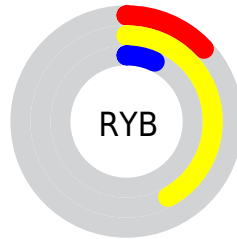
Distribution



Red (42%)

Green (38%)

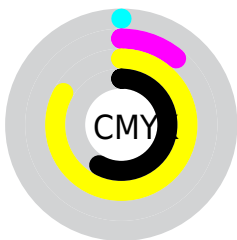
Blue (7%)



Red (13%)

Yellow (42%)

Blue (7%)

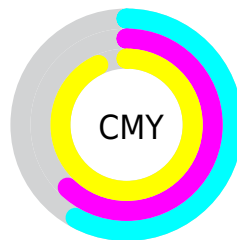


Cyan (0%)

Magenta (11%)

Yellow (83%)

Black (58%)



Cyan (58%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.6960, 32.1900, -21.7140 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 90.6960, 32.1900, -21.7140 by changing the saturation by 10% instead.

90.6960, 32.1900,
-21.7140

90.6960, 32.1900,
-21.7140

255.0000, -0.0000,
-0.0000

66.7820, 29.0720,
-20.2720

142.0060, 34.2530,
-20.5550

46.3930, 20.2220,
-14.0660

169.0770, 35.4910,
-20.9650

26.5910, 11.0970,
-8.3830

196.4470, 37.3250,
-21.1630

2.3480, -1.1000,
-2.0920

224.6320, 38.2420,
-21.2620

0.0000, 0.0000,
0.0000

245.6520, 26.3220,
-25.5020

248.8440, 17.3340,

-16.7940

■ 252.0360, 8.3460,
-8.0860

■ 90.6960, 32.1900,
-21.7140

■ 90.6960, 32.1900,
-21.7140

■ 88.8550, 35.9960,
-24.6120

■ 92.5370, 28.3840,
-18.8160

■ 87.4700, 38.5180,
-26.2660

■ 94.9650, 24.3030,
-16.4410

■ 96.6920, 20.8180,
-13.8540

■ 99.1200, 16.7370,
-11.4790

■ 100.9610, 12.9310,
-8.5810

■ 103.3890, 8.8500,
-6.2060

■ 105.2300, 5.0440,
-3.3080

■ 107.5440, 1.2840,
-1.2440

■ 109.3850, -2.5220,
1.6540

Harmonies

Analogous

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



93.1040, 49.1970, -5.0350



90.6960, 32.1900, -21.7140



86.7400, 2.5270, -29.2890

Triad

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



90.6960, 32.1900, -21.7140



81.1340, -74.1350, -16.5910



97.5100, 26.1280, 33.1040

Complementary

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



90.6960, 32.1900, -21.7140



35.3040, -32.1900, 21.7140

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.



98.1450, -9.6330, 25.9110



90.6960, 32.1900, -21.7140



80.9350, -80.4640, -6.5120

Square

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



90.6960, 32.1900, -21.7140



77.2580, -63.2210, -27.1650



83.8220, -63.5480, 6.3080



94.8960, 48.2280, 29.0600

Rectangle

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



90.6960, 32.1900, -21.7140



81.2020, -25.2570, -32.3690



83.8220, -63.5480, 6.3080



98.7090, 15.2620, 31.7900

Sweetspot

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



90.6960, 32.1900, -21.7140



133.6620, 12.3350, -8.7930



46.5060, 49.1460, 23.4340



67.4320, 7.2910, -5.4850



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



90.6960, 32.1900, -21.7140



113.4740, 49.8900, -34.1260



88.4710, 10.4140, -34.5620



52.7290, 2.2010, -1.3430



94.8570, 41.6820, -28.5420



197.6990, 87.7200, -58.9360

Inverse Universe

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



35.3040, -32.1900, 21.7140



27.1130, -50.1650, 33.6030



37.8280, -9.8180, 34.7740



49.2710, -2.2010, 1.3430



22.7300, -41.9570, 28.0190



47.3010, -87.7200, 58.9360

Previews

White Background



This preview shows how the YIQ color 90.6960, 32.1900, -21.7140 looks on a white background.

Color Contrast Check

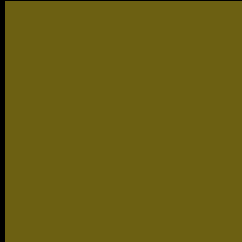
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 90.6960, 32.1900, -21.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

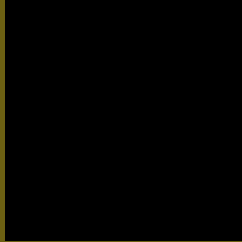
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.6960, 32.1900, -21.7140

Background



This preview shows how black text looks on a background with the YIQ color 90.6960, 32.1900, -21.7140.



This preview shows how white text looks on a background with the YIQ color 90.6960, 32.1900, -21.7140.

-21.7140.

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

90.6960, 32.1900, -21.7140

Protanopia

90.6960, 32.1900, -21.7140

Deuteranopia

91.9900, 40.3500, -15.4100



Tritanopia

96.9740, 12.0570, 7.2650

Trichromacy



Original Color

90.6960, 32.1900, -21.7140

Protanomaly

90.6960, 32.1900, -21.7140

Deuteranomaly

91.5550, 37.1410, -17.8270

Tritanomaly

94.9450, 19.0280, -3.4360

Monochromacy



Original Color

90.6960, 32.1900, -21.7140

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.8900, 11.6930, -8.1710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.6960, 32.1900, -21.7140 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(108, 96, 18)` looks like.

```
.text, #text, p{  
    color:rgb(108, 96, 18)  
}
```

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(108, 96, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 96, 18) }
```

Border

The CSS property to change the border of an element to YIQ 90.6960, 32.1900, -21.7140 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(108, 96, 18) }
```


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

```
.border{ border-color:rgb(108, 96, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 96, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 96, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 96, 18);  
box-shadow:4px 4px 4px 4px rgb(108, 96,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 90.6960, 32.1900, -21.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 96, 18) }
```

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

```
.background{ background-color: rgb(108, 96,  
18) }
```

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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