

Converting Colors

YIQ(122.6950, 32.7900,
-43.6100)

Have a look what the booklet for
YIQ(122.6950, 32.7900, -43.6100)
contains.

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Color

**YIQ(122.6950, 32.7900,
-43.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8E0C
RGB	127, 142, 12
RGB Percent	50%, 56%, 5%
CMY	0.5021, 0.4431, 0.9527
CMYK	0.11, 0.00, 0.92, 0.44
HSL	67°, 84%, 30%
HSV	67°, 92%, 56%
XYZ	18.4886, 23.8842, 3.9854
YIQ	122.6950, 32.7900, -43.6100

Conversions

Conversions Part 2

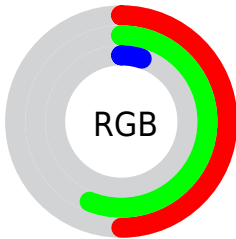
Format	Color
R_{YB}	12, 142, 27
Decimal	8359436
CIE _{Lab}	55.97, -20.52, 57.68
CIE _{LCh}	56, 61.224, 109.579
Yxy	23.8842, 0.3988, 0.5152
Android (android.graphics.Color)	4286549516 (0xFF7F8E0C)
YUV	122.6950, -54.5726, 3.7755
Hunter-Lab	48.8715, -17.9967, 29.3750

Details

The YIQ color **122.6950, 32.7900, -43.6100** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **31.3050, -32.7900, 43.6100**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.2050, 31.4140, -40.6980**, and **76.1300, 18.8040, -32.4280** is the 20% darker color. If you saturate the color by 10%, you get **121.0280, 36.0460, -47.5540**, and if you desaturate by 10%, it is **124.8890, 29.4880, -38.8320**.

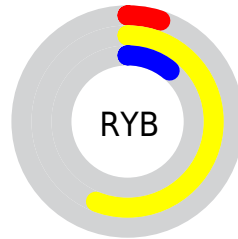
Distribution



Red (50%)

Green (56%)

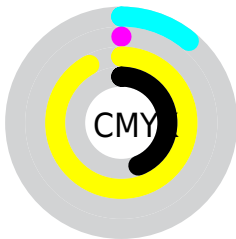
Blue (5%)



Red (5%)

Yellow (56%)

Blue (11%)

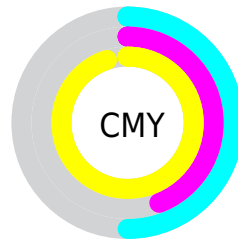


Cyan (11%)

Magenta (0%)

Yellow (92%)

Black (44%)



Cyan (50%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6950, 32.7900, -43.6100 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 122.6950, 32.7900, -43.6100 by changing the saturation by 10% instead.

■ 122.6950, 32.7900,
-43.6100

■ 122.6950, 32.7900,
-43.6100

■ 255.0000, -0.0000,
-0.0000

■ 97.9920, 27.7000,
-39.4680

■ 178.2050, 31.4140,
-40.6980

■ 76.1300, 18.8040,
-32.4280

■ 205.8030, 32.6060,
-40.2740

■ 53.9690, 9.3120,
-25.6000

■ 234.5750, 33.2480,
-40.8960

■ 33.2810, -0.1340,
-19.6060

■ 243.6000, 32.1000,
-31.1000

■ 15.8490, -7.4250,
-14.1210

■ 246.7920, 23.1120,
-22.3920

■ 0.0000, 0.0000,
0.0000

■ 250.0980, 13.8030,

-13.3730

■ 253.4040, 4.4940,
-4.3540

■ 122.6950, 32.7900,
-43.6100

■ 122.6950, 32.7900,
-43.6100

■ 121.0280, 36.0460,
-47.5540

■ 124.8890, 29.4880,
-38.8320

■ 126.7840, 25.5900,
-34.2660

■ 129.0920, 21.9670,
-29.1770

■ 131.2860, 18.6650,
-24.3990

■ 133.1810, 14.7670,
-19.8330

■ 135.3750, 11.4650,
-15.0550

■ 137.2700, 7.5670,
-10.4890

■ 139.5780, 3.9440,
-5.4000

■ 141.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



127.0250, 67.6320, -25.2640



122.6950, 32.7900, -43.6100



114.2920, -26.1710, -48.8510

Triad

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



122.6950, 32.7900, -43.6100



115.9680, -111.5940, -15.0340



132.1710, 58.5400, 51.4360

Complementary

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



122.6950, 32.7900, -43.6100



31.3050, -32.7900, 43.6100

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.



138.1240, 13.1960, 47.2120



122.6950, 32.7900, -43.6100



112.9480, -116.8690, -2.0290

Square

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



122.6950, 32.7900, -43.6100



112.4850, -97.6530, -30.9090



130.6300, -53.4190, 26.4930



128.8200, 80.9170, 36.8610

Rectangle

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



122.6950, 32.7900, -43.6100



102.9890, -73.6700, -52.5660



130.6300, -53.4190, 26.4930



134.9400, 46.0690, 51.6770

Sweetspot

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



122.6950, 32.7900, -43.6100



176.5060, 12.4740, -16.8220



58.5010, 73.9050, 20.7610



87.3840, 7.2460, -10.1780



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



122.6950, 32.7900, -43.6100



156.4460, 45.9520, -61.8880



103.8580, -4.7580, -56.9660



70.2020, 2.2470, -2.1770



115.1250, 34.3950, -45.1650



6.7890, 1.9720, -2.7000

Inverse Universe

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



31.3050, -32.7900, 43.6100



27.2550, -46.5480, 61.6760



50.1420, 4.7580, 56.9660



65.0970, -1.6510, 2.3890



20.1740, -33.7990, 45.3770



1.2110, -1.9720, 2.7000

Previews

White Background



This preview shows how the YIQ color 122.6950, 32.7900, -43.6100 looks on a white 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

Black Background



This preview shows how the YIQ color 122.6950, 32.7900, -43.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

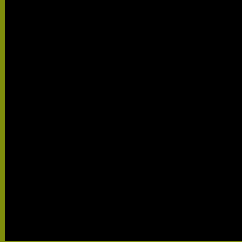
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.6950, 32.7900, -43.6100

Background



This preview shows how black text looks on a background with the YIQ color 122.6950, 32.7900, -43.6100.



This preview shows how white text looks on a background with the YIQ color 122.6950, 32.7900, -43.6100.

-43.6100.

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

122.6950, 32.7900, -43.6100

Protanopia

124.7190, 50.5780, -35.5820

Deuteranopia

128.0440, 57.4530, -22.5070



Tritanopia

134.9340, 0.3660, 4.3820

Trichromacy



Original Color

122.6950, 32.7900, -43.6100

Protanomaly

123.9030, 44.0680, -38.7480

Deuteranomaly

125.9240, 48.7430, -29.8570

Tritanomaly

130.7280, 11.9690, -13.1750

Monochromacy



Original Color

122.6950, 32.7900, -43.6100

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8480, 11.5110, -15.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6950, 32.7900, -43.6100 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(127, 142, 12)` looks like.

```
.text, #text, p{  
    color:rgb(127, 142, 12)  
}
```

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(127, 142, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 142, 12) }
```

Border

The CSS property to change the border of an element to YIQ 122.6950, 32.7900, -43.6100 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(127, 142, 12) }
```


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

```
.border{ border-color:rgb(127, 142, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 142, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 142, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 142, 12);  
box-shadow:4px 4px 4px 4px rgb(127, 142,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6950, 32.7900, -43.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 142, 12) }
```

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

```
.background{ background-color: rgb(127,  
142, 12) }
```

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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