

Converting Colors

YIQ(93.6960, -20.5360,
-24.3120)

Have a look what the booklet for
YIQ(93.6960, -20.5360, -24.3120)
contains.

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Color

**YIQ(93.6960, -20.5360,
-24.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	3B734B
RGB	59, 115, 75
RGB Percent	23%, 45%, 29%
CMY	0.7688, 0.5489, 0.7059
CMYK	0.49, 0.00, 0.35, 0.55
HSL	137°, 32%, 34%
HSV	137°, 49%, 45%
XYZ	9.2042, 13.7032, 8.8142
YIQ	93.6960, -20.5360, -24.3120

Conversions

Conversions Part 2

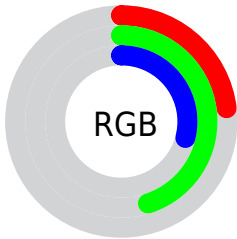
Format	Color
RYB	59, 103, 115
Decimal	3896139
CIELab	43.80, -28.17, 16.59
CIElCh	44, 32.693, 149.500
Yxy	13.7032, 0.2902, 0.4320
Android (android.graphics.Color)	4282086219 (0xFF3B734B)
YUV	93.6960, -9.2171, -30.4284
Hunter-Lab	37.0178, -20.3986, 11.7952

Details

The YIQ color **93.6960, -20.5360, -24.3120** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **80.3040, 20.5360, 24.3120**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0550, -20.1690, -25.4570**, and **43.0590, -25.9920, -24.5520** is the 20% darker color. If you saturate the color by 10%, you get **89.1960, -25.1200, -29.3440**, and if you desaturate by 10%, it is **97.8970, -16.5480, -19.4920**.

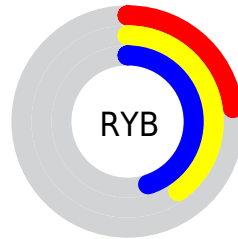
Distribution



Red (23%)

Green (45%)

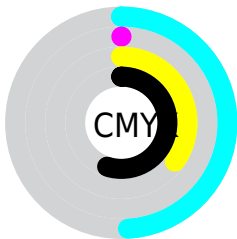
Blue (29%)



Red (23%)

Yellow (40%)

Blue (45%)

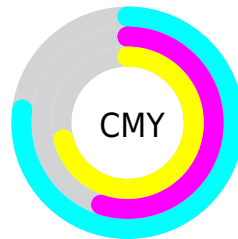


Cyan (49%)

Magenta (0%)

Yellow (35%)

Black (55%)



Cyan (77%)


Magenta (55%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.6960, -20.5360, -24.3120 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 93.6960, -20.5360, -24.3120 by changing the saturation by 10% instead.


 93.6960, -20.5360,
-24.3120


 93.6960, -20.5360,
-24.3120


255.0000, -0.0000,
-0.0000


 68.9240, -21.1780,
-23.6900


 145.0550,
-20.1690, -25.4570


 43.0590, -25.9920,
-24.5520

 172.2290,
-20.7190, -26.5030


 26.1530, -14.3930,
-20.0010

 199.8160,
-20.9940, -27.0260

 12.9140, -6.0500,
-11.5060

 228.2890,
-20.9480, -27.8600

 0.0000, 0.0000,
0.0000

 241.6140,
-14.0730, -14.7850

 252.9070, -4.1720,

-1.4840

■ 93.6960, -20.5360,
-24.3120

■ 93.6960, -20.5360,
-24.3120

■ 89.1960, -25.1200,
-29.3440

■ 97.8970, -16.5480,
-19.4920

■ 84.9950, -29.1080,
-34.1640

■ 102.3970,
-11.9640, -14.4600

■ 80.3810, -33.3710,
-39.5070

■ 106.7120, -8.2970,
-9.3290

■ 76.1800, -37.3590,
-44.3270

■ 111.2120, -3.7130,
-4.2970

■ 71.6800, -41.9430,
-49.3590

■ 115.4130, 0.2750,
0.5230

■ 71.2670, -42.2180,
-49.8820

■ 119.9130, 4.8590,
5.5550

■ 124.1140, 8.8470,
10.3750

■ 128.7280, 13.1100,
15.7180

■ 132.9290, 17.0980,
20.5380

Harmonies

Analogous

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



98.6470, 7.5230, -20.7090



93.6960, -20.5360, -24.3120



80.3070, -64.9170, -29.4690

Triad

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



93.6960, -20.5360, -24.3120



96.9780, -46.4920, 5.5720



104.2460, 43.6460, 12.9740

Complementary

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



93.6960, -20.5360, -24.3120



80.3040, 20.5360, 24.3120

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.



105.2640, 35.2080, 22.7280



93.6960, -20.5360, -24.3120



105.5480, -12.5660, 18.4900

Square

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



93.6960, -20.5360, -24.3120



83.4310, -79.2250, -12.4490



106.9660, 15.6760, 24.2840



102.9600, 41.0350, -0.2850

Rectangle

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



93.6960, -20.5360, -24.3120



82.4730, -71.0160, -23.5600



106.9660, 15.6760, 24.2840



104.3970, 41.9030, 17.0310

Sweetspot

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



93.6960, -20.5360, -24.3120



141.5980, -7.9760, -9.6400



103.8320, 8.4400, -20.8080



71.6740, -5.1340, -6.0780



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



93.6960, -20.5360, -24.3120



116.9190, -31.9500, -37.7260



96.8880, -29.5240, -15.6040



56.6360, -1.9710, -2.8270



75.6040, -44.7850, -52.9210



154.8440, -91.5410, -108.6690

Inverse Universe

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



80.3040, 20.5360, 24.3120



96.1950, 31.6290, 38.0370



77.1120, 29.5240, 15.6040



55.2500, 2.2920, 2.5160



46.3960, 44.7850, 52.9210



95.0420, 91.8620, 108.3580

Previews

White Background



This preview shows how the YIQ color 93.6960, -20.5360, -24.3120 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 93.6960, -20.5360, -24.3120 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 93.6960, -20.5360, -24.3120

Background



This preview shows how black text looks on a background with the YIQ color 93.6960, -20.5360, -24.3120.



This preview shows how white text looks on a background with the YIQ color 93.6960, -20.5360,

-24.3120.

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

93.6960, -20.5360, -24.3120

Protanopia

101.9290, 15.9570, -8.3550

Deuteranopia

103.2980, 19.5320, -1.5560



Tritanopia

98.6530, -27.0040, -6.2040

Trichromacy



Original Color

93.6960, -20.5360, -24.3120

Protanomaly

98.8240, 2.8910, -13.8530

Deuteranomaly

99.8290, 4.4950, -9.8810

Tritanomaly

96.8070, -24.8020, -13.0740

Monochromacy



Original Color

93.6960, -20.5360, -24.3120

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0110, -7.7010, -9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6960, -20.5360, -24.3120 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(59, 115, 75)` looks like.

```
.text, #text, p{  
    color:rgb(59, 115, 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(59, 115, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 115, 75) }
```

Border

The CSS property to change the border of an element to YIQ 93.6960, -20.5360, -24.3120 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(59, 115, 75) }
```


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

```
.border{ border-color:rgb(59, 115, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 115, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 115, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 115, 75);  
box-shadow:4px 4px 4px 4px rgb(59, 115,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6960, -20.5360, -24.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 115, 75) }
```

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

```
.background{ background-color: rgb(59, 115,  
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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