

Converting Colors

YIQ(120.6700, 27.0520, -5.6840)

Have a look what the booklet for
YIQ(120.6700, 27.0520, -5.6840)
contains.

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Color

**YIQ(120.6700, 27.0520,
-5.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7551
RGB	143, 117, 81
RGB Percent	56%, 46%, 32%
CMY	0.4392, 0.5412, 0.6822
CMYK	0.00, 0.18, 0.43, 0.44
HSL	35°, 28%, 44%
HSV	35°, 43%, 56%
XYZ	19.1759, 19.1551, 10.4780
YIQ	120.6700, 27.0520, -5.6840

Conversions

Conversions Part 2

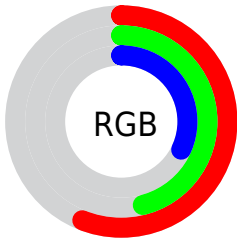
Format	Color
R_{YB}	126, 143, 81
Decimal	9401681
CIE _{Lab}	50.87, 5.03, 23.64
CIE _{LCh}	51, 24.168, 77.992
Yxy	19.1551, 0.3929, 0.3925
Android (android.graphics.Color)	4287591761 (0xFF8F7551)
YUV	120.6700, -19.5573, 19.5834
Hunter-Lab	43.7666, 1.6166, 16.4422

Details

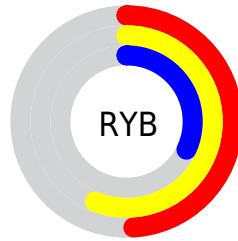
The YIQ color $120.6700, 27.0520, -5.6840$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $103.3300, -27.0520, 5.6840$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.3390, 29.4820, -5.6700$, and $71.7020, 24.0260, -5.9100$ is the 20% darker color. If you saturate the color by 10%, you get $115.5520, 33.1960, -6.9000$, and if you desaturate by 10%, it is $125.7880, 20.9080, -4.4680$.

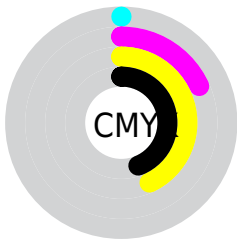
Distribution



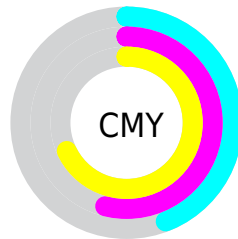
- Red (56%)
- Green (46%)
- Blue (32%)



- Red (49%)
- Yellow (56%)
- Blue (32%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (44%)



- Cyan (44%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6700, 27.0520, -5.6840 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 120.6700, 27.0520, -5.6840 by changing the saturation by 10% instead.

■ 120.6700, 27.0520,
-5.6840

■ 120.6700, 27.0520,
-5.6840

■ 255.0000, -0.0000,
-0.0000

■ 95.5990, 25.8140,
-5.2740

■ 173.3390, 29.4820,
-5.6700

■ 71.7020, 24.0260,
-5.9100

■ 200.5240, 30.3990,
-5.7690

■ 48.9190, 21.9170,
-6.2350

■ 228.7090, 31.3160,
-5.8680

■ 28.1190, 18.4780,
-4.4820

■ 248.9240, 14.3530,
-12.3270

■ 5.0830, 10.1320,
3.6040

■ 253.2900, 4.8150,
-4.6650

■ 0.0000, 0.0000,
0.0000

■ 120.6700, 27.0520,
-5.6840

■ 120.6700, 27.0520,
-5.6840

■ 115.5520, 33.1960,
-6.9000

■ 125.7880, 20.9080,
-4.4680

■ 110.3200, 39.6610,
-8.4270

■ 131.0200, 14.4430,
-2.9410

■ 105.2020, 45.8050,
-9.6430

■ 136.1380, 8.2990,
-1.7250

■ 100.0840, 51.9490,
-10.8590

■ 141.2560, 2.1550,
-0.5090

■ 94.9660, 58.0930,
-12.0750

■ 146.4880, -4.3100,
1.0180

■ 91.4780, 62.4030,
-13.0930

■ 151.6060,
-10.4540, 2.2340

■ 156.7240,
-16.5980, 3.4500

■ 161.8420,

-22.7420, 4.6660

■ 167.0740,
-29.2070, 6.1930

Harmonies

Analogous

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



121.8870, 34.1110, 4.0550



120.6700, 27.0520, -5.6840



118.9130, 12.8860, -13.2740

Triad

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



120.6700, 27.0520, -5.6840



109.3900, -45.6170, -15.8010



124.2910, 4.2150, 17.2310

Complementary

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



120.6700, 27.0520, -5.6840



103.3300, -27.0520, 5.6840

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.



121.5810, -17.3330, 11.2670



120.6700, 27.0520, -5.6840



110.5670, -50.2490, -8.9450

Square

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



120.6700, 27.0520, -5.6840



112.6770, -27.5520, -18.3040



116.5350, -38.0550, 1.3450



124.2730, 21.8210, 17.5410

Rectangle

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



120.6700, 27.0520, -5.6840



116.5740, 0.5990, -16.3690



116.5350, -38.0550, 1.3450



123.6430, -2.7080, 16.0440

Sweetspot

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



120.6700, 27.0520, -5.6840



177.3940, 10.4540, -2.2340



102.6160, 28.2850, 21.5410



88.7680, 6.4650, -1.5270



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.6700, 27.0520, -5.6840



151.4620, 42.1370, -9.2470



134.7360, 17.5180, -20.1300



68.4410, 3.0720, -0.6080



86.1510, 59.0100, -12.1740



4.7400, 3.6680, -0.3960

Inverse Universe

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



103.3300, -27.0520, 5.6840



124.1250, -42.4120, 8.7240



89.2640, -17.5180, 20.1300



66.5590, -3.0720, 0.6080



48.8490, -59.0100, 12.1740



2.6730, -3.3930, 0.9190

Previews

White Background



This preview shows how the YIQ color 120.6700, 27.0520, -5.6840 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 120.6700, 27.0520, -5.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

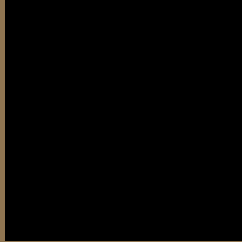
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.6700, 27.0520, -5.6840

Background



This preview shows how black text looks on a background with the YIQ color 120.6700, 27.0520, -5.6840.



This preview shows how white text looks on a background with the YIQ color 120.6700, 27.0520,

-5.6840.

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

120.6700, 27.0520, -5.6840

Protanopia

119.6580, 18.1580, -9.6980

Deuteranopia

120.6810, 28.5190, -4.7370



Tritanopia

123.4910, 17.9710, 10.2190

Trichromacy



Original Color

120.6700, 27.0520, -5.6840

Protanomaly

120.1530, 21.1380, -8.6380

Deuteranomaly

120.3820, 27.9230, -4.9490

Tritanomaly

122.6560, 21.6400, 4.2960

Monochromacy



Original Color

120.6700, 27.0520, -5.6840

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0950, 9.8580, -2.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6700, 27.0520, -5.6840 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(143, 117, 81)` looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 81)  
}
```

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(143, 117, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 81) }
```

Border

The CSS property to change the border of an element to YIQ 120.6700, 27.0520, -5.6840 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(143, 117, 81) }
```


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

```
.border{ border-color:rgb(143, 117, 81) }
```

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

Here you see how a box with a 4 pixel rgb(143, 117, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 117, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 117, 81);  
box-shadow:4px 4px 4px 4px rgb(143, 117,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6700, 27.0520, -5.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 81) }
```

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

```
.background{ background-color: rgb(143,  
117, 81) }
```

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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