

Converting Colors

YIQ(27.2350, 6.6480, 0.6640)

Have a look what the booklet for
YIQ(27.2350, 6.6480, 0.6640)
contains.

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Color

YIQ(27.2350, 6.6480, 0.6640)

Conversions

Conversions Part 1

Format	Color
Hex	221915
RGB	34, 25, 21
RGB Percent	13%, 10%, 8%
CMY	0.8666, 0.9020, 0.9176
CMYK	0.00, 0.26, 0.38, 0.87
HSL	18°, 24%, 11%
HSV	18°, 38%, 13%
XYZ	1.1428, 1.0894, 0.8599
YIQ	27.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

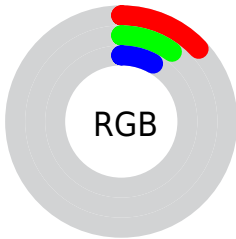
Format	Color
R_YB	34, 27, 21
Decimal	2234645
CIE Lab	9.72, 3.71, 4.45
CIE LCh	10, 5.792, 50.227
Yxy	1.0894, 0.3696, 0.3523
Android (android.graphics.Color)	4280424725 (0xFF221915)
YUV	27.2350, -3.0739, 5.9329
Hunter-Lab	10.4376, 1.2784, 2.4218

Details

The YIQ color **27.2350, 6.6480, 0.6640** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.7650, -6.6480, -0.6640**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **70.7190, 8.1610, 0.7770**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.7190, 8.1610, 0.7770**, and if you desaturate by 10%, it is **28.7510, 5.1350, 0.5510**.

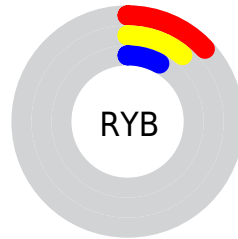
Distribution



Red (13%)

Green (10%)

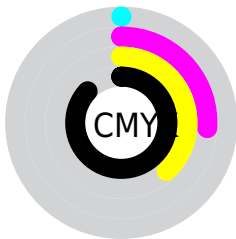
Blue (8%)



Red (13%)

Yellow (11%)

Blue (8%)

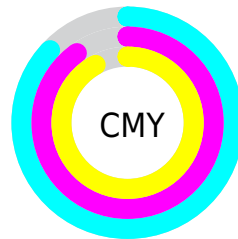


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (87%)



Cyan (87%)

Magenta (90%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.2350, 6.6480, 0.6640 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 27.2350, 6.6480, 0.6640 by changing the saturation by 10% instead.

■ 27.2350, 6.6480,
0.6640

■ 27.2350, 6.6480,
0.6640

■ 252.2130, 3.7140,
-1.2300

■ 1.7940, 3.5760,
1.2720

■ 70.7190, 8.1610,
0.7770

■ 0.0000, 0.0000,
0.0000

■ 94.0180, 8.7570,
0.9890

■ 119.0180, 8.7570,
0.9890

■ 144.3170, 9.3530,
1.2010

■ 171.2030, 9.6740,
0.8900

■ 198.2030, 9.6740,

0.8900

■ 226.5020, 10.2700,
1.1020

■ 27.2350, 6.6480,
0.6640

■ 27.2350, 6.6480,
0.6640

■ 25.7190, 8.1610,
0.7770

■ 28.7510, 5.1350,
0.5510

■ 23.5020, 10.2700,
1.1020

■ 30.9680, 3.0260,
0.2260

■ 21.9860, 11.7830,
1.2150

■ 32.4840, 1.5130,
0.1130

■ 20.3560, 13.6170,
1.0170

■ 34.1140, -0.3210,
0.3110

■ 18.2530, 15.4050,
1.6530

■ 36.2170, -2.1090,
-0.3250

■ 16.7370, 16.9180,
1.7660

■ 37.7330, -3.6220,
-0.4380

■ 16.0360, 17.5140,
1.9780

■ 39.3630, -5.4560,
-0.2400

■ 41.4660, -7.2440,
-0.8760

■ 43.0960, -9.0780,
-0.6780

Harmonies

Analogous

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



27.2890, 6.5560, 2.3320



27.2350, 6.6480, 0.6640



26.6970, 5.2270, -1.1170

Triad

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



27.2350, 6.6480, 0.6640



25.5540, -4.6760, -3.3640



26.9120, -2.5680, 2.4880

Complementary

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



27.2350, 6.6480, 0.6640



27.7650, -6.6480, -0.6640

Split Complementary

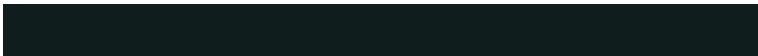
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.5910, -6.0980, 0.3820



27.2350, 6.6480, 0.6640



25.1130, -7.7480, -2.7560

Square

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



27.2350, 6.6480, 0.6640



25.8210, -1.0540, -2.9260



25.8680, -8.4360, -1.3000



27.5920, 1.3290, 3.4490

Rectangle

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



27.2350, 6.6480, 0.6640



26.6860, 3.7600, -2.0640



25.8680, -8.4360, -1.3000



26.9010, -4.0350, 1.5410

Sweetspot

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



27.2350, 6.6480, 0.6640



40.7830, 2.1090, 0.3250



25.9130, 4.8590, 5.5550



21.4840, 1.5130, 0.1130



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



27.2350, 6.6480, 0.6640



33.0890, 9.9950, 0.5790



30.7570, 4.9980, -2.4740



17.1850, 0.9170, -0.0990



39.1930, 41.9970, 4.3090



100.0590, 106.9640, 10.8360

Inverse Universe

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



27.7650, -6.6480, -0.6640



33.4980, -10.2700, -1.1020



24.2430, -4.9980, 2.4740



16.8150, -0.9170, 0.0990



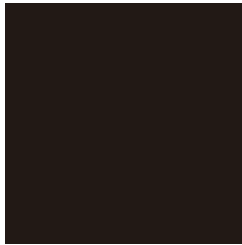
42.8070, -41.9970, -4.3090



108.9410, -106.9640, -10.8360

Previews

White Background



This preview shows how the YIQ color 27.2350, 6.6480, 0.6640 looks on a white background.

Color Contrast Check

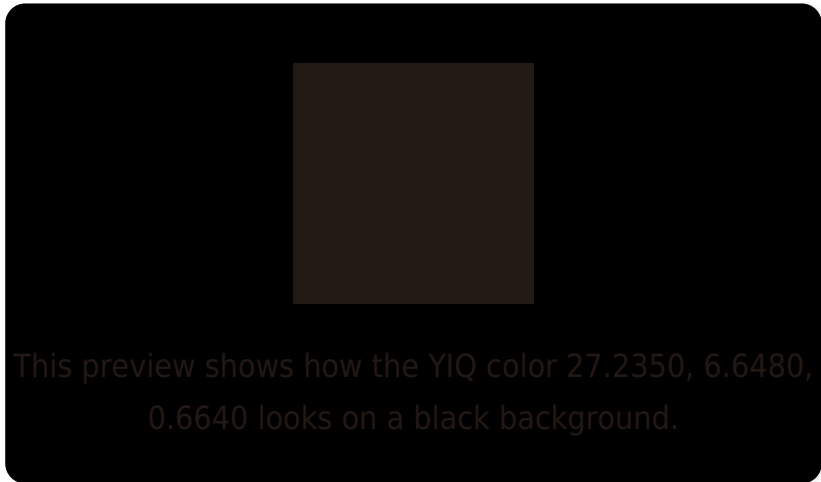
Large Text (above 18pt) WCAG AA ✓ Pass

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

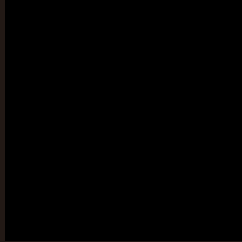
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.2350, 6.6480, 0.6640

Background



This preview shows how black text looks on a background with the YIQ color 27.2350, 6.6480, 0.6640.



This preview shows how white text looks on a background with the YIQ color 27.2350, 6.6480, 0.6640.

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

27.2350, 6.6480, 0.6640

Protanopia

27.0280, 2.7970, -1.1310

Deuteranopia

27.2240, 5.1810, -0.2830



Tritanopia

27.5170, 5.9140, 2.9540

Trichromacy



Original Color

27.2350, 6.6480, 0.6640

Protanomaly

27.0390, 4.2640, -0.1840

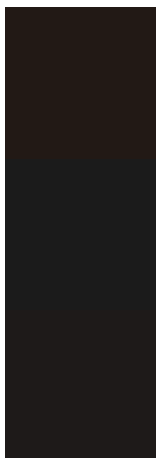
Deuteranomaly

27.5230, 5.7770, -0.0710

Tritanomaly

27.2890, 6.5560, 2.3320

Monochromacy



Original Color

27.2350, 6.6480, 0.6640

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.2350, 6.6480, 0.6640 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(34, 25, 21)` looks like.

```
.text, #text, p{  
    color:rgb(34, 25, 21)  
}
```

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(34, 25, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 25, 21) }
```

Border

The CSS property to change the border of an element to YIQ 27.2350, 6.6480, 0.6640 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(34, 25, 21) }
```

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

```
.border{ border-color:rgb(34, 25, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 25, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 25, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 25, 21);  
box-shadow:4px 4px 4px 4px rgb(34, 25, 21)  
}
```


Background

The CSS property to change the background color of an element to YIQ 27.2350, 6.6480, 0.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 25, 21) }
```

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

```
.background{ background-color: rgb(34, 25,  
21) }
```

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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