

Converting Colors

YIQ(28.5720, -14.2550,
-22.5030)

Have a look what the booklet for
YIQ(28.5720, -14.2550, -22.5030)
contains.

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Color

**YIQ(28.5720, -14.2550,
-22.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	012F06
RGB	1, 47, 6
RGB Percent	0%, 18%, 2%
CMY	0.9962, 0.8156, 0.9765
CMYK	0.98, 0.00, 0.87, 0.82
HSL	127°, 96%, 9%
HSV	127°, 98%, 18%
XYZ	1.0622, 2.0539, 0.5126
YIQ	28.5720, -14.2550, -22.5030

Conversions

Conversions Part 2

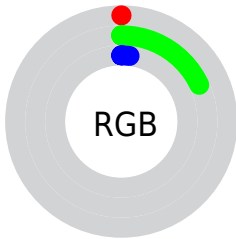
Format	Color
R _Y B	1, 42, 47
Decimal	77574
CIE Lab	15.77, -25.14, 19.85
CIE LCh	16, 32.036, 141.703
Yxy	2.0539, 0.2927, 0.5660
Android (android.graphics.Color)	4278267654 (0xFF012F06)
YUV	28.5720, -11.1280, -24.1806
Hunter-Lab	14.3316, -11.8504, 7.9115

Details

The YIQ color **28.5720, -14.2550, -22.5030** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19.4280, 14.2550, 22.5030**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **75.9420, -12.4210, -22.7010**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.1590, -14.5300, -23.0260**, and if you desaturate by 10%, it is **30.5230, -12.5590, -20.1990**.

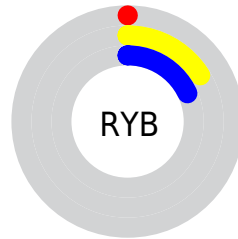
Distribution



Red (0%)

Green (18%)

Blue (2%)



Red (0%)

Yellow (16%)

Blue (18%)

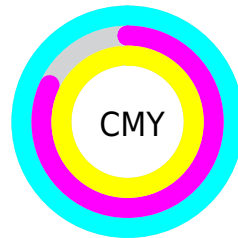


Cyan (98%)

Magenta (0%)

Yellow (87%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.5720, -14.2550, -22.5030 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 28.5720, -14.2550, -22.5030 by changing the saturation by 10% instead.

■ 28.5720, -14.2550,
-22.5030

■ 28.5720, -14.2550,
-22.5030

■ 246.3980, -4.5370,
-11.3930

■ 17.0230, -7.9750,
-15.1670

■ 75.9420, -12.4210,
-22.7010

■ 0.0000, 0.0000,
0.0000

■ 100.4150,
-12.3750, -23.5350


■ 125.8880,
-12.3290, -24.3690


■ 151.7740,
-12.0080, -24.6800


■ 178.9480,
-12.5580, -25.7260


■ 206.8340,


-12.2370, -26.0370


 234.5350,
-12.8330, -26.2490


 28.5720, -14.2550,
-22.5030


 28.5720, -14.2550,
-22.5030


 28.1590, -14.5300,
-23.0260

 30.5230, -12.5590,
-20.1990

 32.1750, -11.4590,
-18.1070

 34.2400, -10.0840,
-15.4920

 36.1910, -8.3880,
-13.1880

 37.8430, -7.2880,
-11.0960

■ 39.7940, -5.5920,
-8.7920

■ 41.7450, -3.8960,
-6.4880

■ 43.8100, -2.5210,
-3.8730

■ 45.4620, -1.4210,
-1.7810

Harmonies

Analogous

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



35.7060, 9.0350, -15.0690



28.5720, -14.2550, -22.5030



32.4110, -23.7470, -15.6750

Triad

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



28.5720, -14.2550, -22.5030



35.5180, -39.3850, 3.4230



35.1620, 35.2550, 16.3670

Complementary

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



28.5720, -14.2550, -22.5030



19.4280, 14.2550, 22.5030

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.



36.3000, 26.3590, 23.4070



28.5720, -14.2550, -22.5030



37.3570, -22.5140, 11.5500

Square

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



28.5720, -14.2550, -22.5030



36.7260, -37.2750, -1.7790



40.3670, 7.0570, 20.7930



36.4910, 35.1660, 1.4540

Rectangle

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



28.5720, -14.2550, -22.5030



34.2350, -28.8830, -10.6990



40.3670, 7.0570, 20.7930



34.7860, 33.5580, 19.5900

Sweetspot

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



28.5720, -14.2550, -22.5030



53.7940, -5.5920, -8.7920



40.2610, 11.7860, -15.3660



26.5710, -3.3460, -5.4420



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



28.5720, -14.2550, -22.5030



36.6050, -19.0220, -29.7260



31.1940, -21.6380, -15.3500



22.1740, -0.5500, -1.0460



52.0950, -26.8140, -42.7020



128.2400, -66.2330, -104.7690

Inverse Universe

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



19.4280, 14.2550, 22.5030



24.5090, 18.7010, 30.0370



16.8060, 21.6380, 15.3500



21.8260, 0.5500, 1.0460



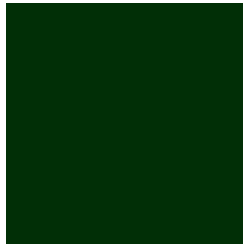
34.7910, 27.1350, 42.3910



85.7600, 66.2330, 104.7690

Previews

White Background



This preview shows how the YIQ color 28.5720, -14.2550, -22.5030 looks on a white background.

Color Contrast Check

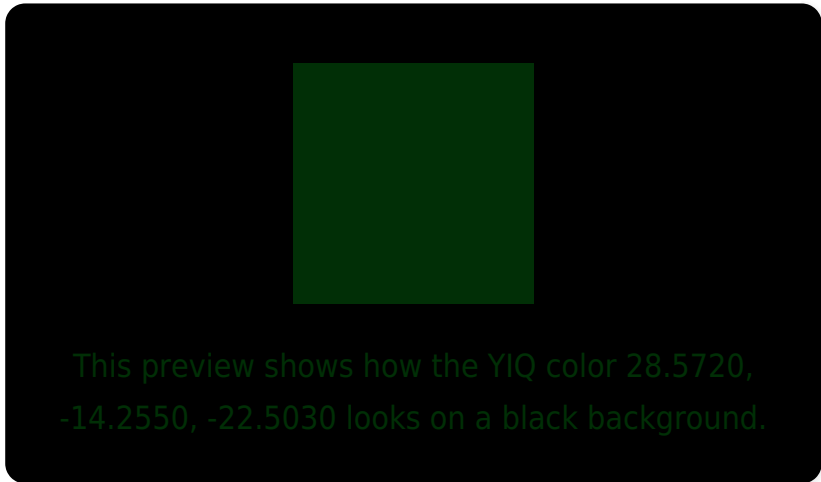
Large Text (above 18pt) WCAG AA ✓ Pass

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

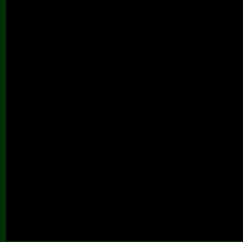
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.5720, -14.2550, -22.5030

Background



This preview shows how black text looks on a background with the YIQ color 28.5720, -14.2550, -22.5030.



This preview shows how white text looks on a background with the YIQ color 28.5720, -14.2550,

-22.5030.

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

28.5720, -14.2550, -22.5030

Protanopia

37.3910, 14.5360, -10.1360

Deuteranopia

38.6240, 15.4980, -5.5420



Tritanopia

37.1660, -15.2670, -4.1550

Trichromacy



Original Color

28.5720, -14.2550, -22.5030

Protanomaly

34.4820, 3.8540, -14.7860

Deuteranomaly

34.7750, 4.5870, -11.5490

Tritanomaly

33.9500, -14.8990, -10.8270

Monochromacy



Original Color

28.5720, -14.2550, -22.5030

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.2070, -5.3170, -8.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.5720, -14.2550, -22.5030 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(1, 47, 6)` looks like.

```
.text, #text, p{  
    color:rgb(1, 47, 6)  
}
```

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(1, 47, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 47, 6) }
```

Border

The CSS property to change the border of an element to YIQ 28.5720, -14.2550, -22.5030 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(1, 47, 6) }
```


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

```
.border{ border-color:rgb(1, 47, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 47, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 47, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 47, 6); box-shadow:4px  
4px 4px 4px rgb(1, 47, 6) }
```

Background

The CSS property to change the background color of an element to YIQ 28.5720, -14.2550, -22.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 47, 6) }
```

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

```
.background{ background-color: rgb(1, 47,  
6) }
```

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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