

Converting Colors

YIQ(27.2550, -5.2720, -3.5760)

Have a look what the booklet for
YIQ(27.2550, -5.2720, -3.5760)
contains.

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Color

**YIQ(27.2550, -5.2720,
-3.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	141F1B
RGB	20, 31, 27
RGB Percent	8%, 12%, 11%
CMY	0.9216, 0.8784, 0.8941
CMYK	0.36, 0.00, 0.13, 0.88
HSL	158°, 22%, 10%
HSV	158°, 36%, 12%
XYZ	0.9762, 1.2080, 1.2183
YIQ	27.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

Format	Color
R_{YB}	20, 27, 31
Decimal	1318683
CIE Lab	10.62, -6.04, 1.16
CIE LCh	11, 6.148, 169.160
Yxy	1.2080, 0.2869, 0.3550
Android (android.graphics.Color)	4279508763 (0xFF141F1B)
YUV	27.2550, -0.1257, -6.3626
Hunter-Lab	10.9908, -3.3791, 1.1212

Details

The YIQ color **27.2550, -5.2720, -3.5760** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **23.7450, 5.2720, 3.5760**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **70.5430, -6.1430, -4.3110**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.2440, -6.7390, -4.5230**, and if you desaturate by 10%, it is **28.2660, -3.8050, -2.6290**.

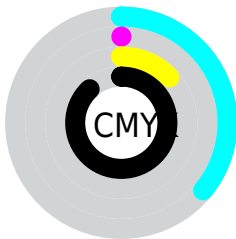
Distribution



- Red (8%)
- Green (12%)
- Blue (11%)



- Red (8%)
- Yellow (11%)
- Blue (12%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (88%)



- Cyan (92%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.2550, -5.2720, -3.5760 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 27.2550, -5.2720, -3.5760 by changing the saturation by 10% instead.

■ 27.2550, -5.2720,
-3.5760

■ 27.2550, -5.2720,
-3.5760

■ 251.8960, -5.6390,
-2.4310

■ 2.3480, -1.1000,
-2.0920

■ 70.5430, -6.1430,
-4.3110

■ 0.0000, 0.0000,
0.0000

■ 94.5430, -6.1430,
-4.3110

■ 119.1300, -6.4180,
-4.8340

■ 144.5430, -6.1430,
-4.3110

■ 171.1300, -6.4180,
-4.8340

■ 198.2440, -6.7390,

-4.5230

■ 226.8310, -7.0140,
-5.0460

■ 27.2550, -5.2720,
-3.5760

■ 27.2550, -5.2720,
-3.5760

■ 26.2440, -6.7390,
-4.5230

■ 28.2660, -3.8050,
-2.6290

■ 25.2330, -8.2060,
-5.4700

■ 29.2770, -2.3380,
-1.6820

■ 24.2220, -9.6730,
-6.4170

■ 30.2880, -0.8710,
-0.7350

■ 23.0970, -10.8190,
-7.6750

■ 31.4130, 0.2750,
0.5230

■ 21.7870, -12.8820,
-8.8340

■ 32.4240, 1.7420,
1.4700

■ 20.7760, -14.3490,
-9.7810

■ 33.7340, 3.8050,
2.6290

■ 20.4770, -14.9450,
-9.9930

■ 34.7450, 5.2720,
3.5760

■ 35.7560, 6.7390,
4.5230

■ 36.7670, 8.2060,
5.4700

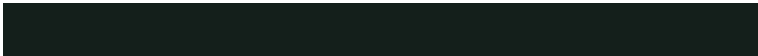
Harmonies

Analogous

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



27.4080, -1.3290, -3.4490



27.2550, -5.2720, -3.5760



26.8140, -8.3440, -2.9680

Triad

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



27.2550, -5.2720, -3.5760



28.7270, -3.4850, 2.5870



29.2350, 6.6480, 0.6640

Complementary

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



27.2550, -5.2720, -3.5760



23.7450, 5.2720, 3.5760

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.



29.2890, 6.5560, 2.3320



27.2550, -5.2720, -3.5760



29.5920, 1.3290, 3.4490

Square

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



27.2550, -5.2720, -3.5760



28.4060, -7.0150, 0.4810



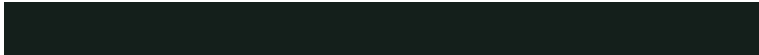
29.4460, 4.6760, 3.3640



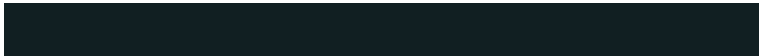
28.6970, 5.2270, -1.1170

Rectangle

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



27.2550, -5.2720, -3.5760



27.1560, -9.3070, -2.0350



29.4460, 4.6760, 3.3640



29.0610, 7.1980, 1.7100

Sweetspot

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



27.2550, -5.2720, -3.5760



39.2770, -2.3380, -1.6820



27.6530, -0.6410, -4.9050



19.2880, -0.8710, -0.7350



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



27.2550, -5.2720, -3.5760



34.8200, -8.4810, -5.9930



27.1240, -6.2810, -1.8090



14.7010, -0.5960, -0.2120



52.0730, -37.7750, -25.7670



136.4430, -98.9760, -67.5200

Inverse Universe

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



23.7450, 5.2720, 3.5760



29.1800, 8.4810, 5.9930



23.8760, 6.2810, 1.8090



14.2990, 0.5960, 0.2120



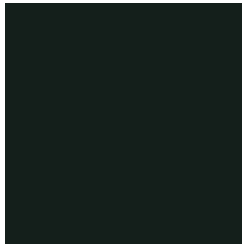
26.9270, 37.7750, 25.7670



70.4430, 99.2970, 67.2090

Previews

White Background



This preview shows how the YIQ color 27.2550, -5.2720, -3.5760 looks on a white background.

Color Contrast Check

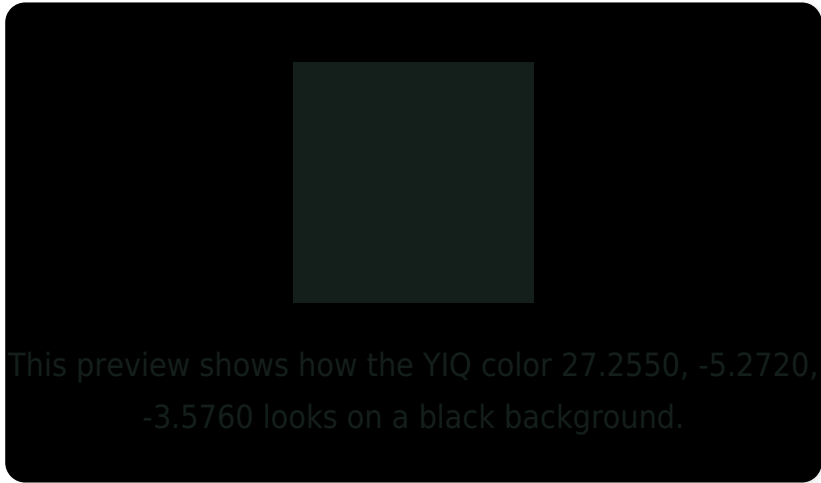
Large Text (above 18pt) WCAG AA ✓ Pass

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

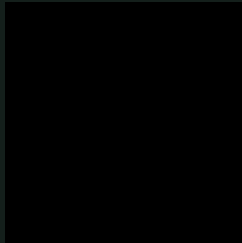
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

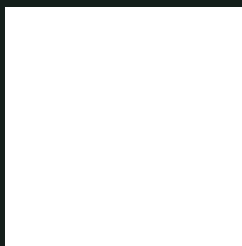
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 27.2550, -5.2720, -3.5760

Background



This preview shows how black text looks on a background with the YIQ color 27.2550, -5.2720, -3.5760.



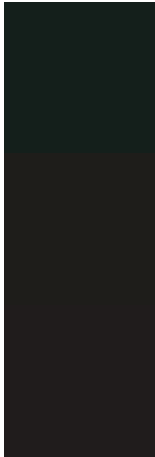
This preview shows how white text looks on a background with the YIQ color 27.2550, -5.2720, -3.5760.

-3.5760.

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

27.2550, -5.2720, -3.5760

Protanopia

28.9570, 1.5590, -0.7210

Deuteranopia

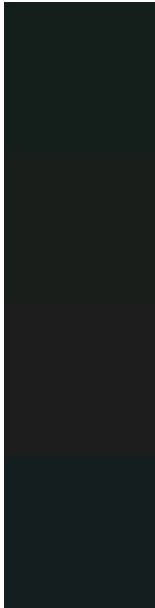
29.1960, 2.3840, 0.8480



Tritanopia

27.6510, -6.3270, -0.9750

Trichromacy



Original Color

27.2550, -5.2720, -3.5760

Protanomaly

28.3480, -1.1000, -2.0920

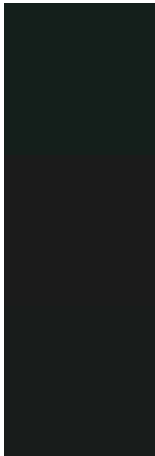
Deuteranomaly

28.5870, -0.2750, -0.5230

Tritanomaly

27.4230, -5.6850, -1.5970

Monochromacy



Original Color

27.2550, -5.2720, -3.5760

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.6900, -2.0630, -1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.2550, -5.2720, -3.5760 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(20, 31, 27)` looks like.

```
.text, #text, p{  
    color:rgb(20, 31, 27)  
}
```

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(20, 31, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 31, 27) }
```

Border

The CSS property to change the border of an element to YIQ 27.2550, -5.2720, -3.5760 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(20, 31, 27) }
```


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

```
.border{ border-color:rgb(20, 31, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 31, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 31, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 31, 27);  
box-shadow:4px 4px 4px 4px rgb(20, 31, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.2550, -5.2720, -3.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 31, 27) }
```

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

```
.background{ background-color: rgb(20, 31,  
27) }
```

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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