

Converting Colors

YIQ(56.7720, -25.7210, -1.9210)

Have a look what the booklet for
YIQ(56.7720, -25.7210, -1.9210)
contains.

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Color

**YIQ(56.7720, -25.7210,
-1.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4152
RGB	31, 65, 82
RGB Percent	12%, 25%, 32%
CMY	0.8785, 0.7450, 0.6785
CMYK	0.62, 0.21, 0.00, 0.68
HSL	200°, 45%, 22%
HSV	200°, 62%, 32%
XYZ	3.9775, 4.6820, 8.6709
YIQ	56.7720, -25.7210, -1.9210

Conversions

Conversions Part 2

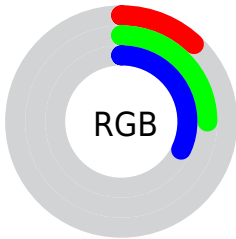
Format	Color
R _Y B	31, 51, 82
Decimal	2048338
CIE Lab	25.81, -6.62, -13.96
CIE LCh	26, 15.451, 244.634
Yxy	4.6820, 0.2295, 0.2702
Android (android.graphics.Color)	4280238418 (0xFF1F4152)
YUV	56.7720, 12.4374, -22.6020
Hunter-Lab	21.6380, -5.0543, -8.6124




Details

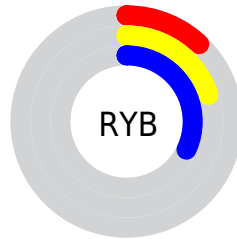
The YIQ color **56.7720, -25.7210, -1.9210** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **56.2280, 25.7210, 1.9210**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **105.1850, -25.4460, -1.3980**, and **17.7190, -18.2020, -0.5220** is the 20% darker color. If you saturate the color by 10%, you get **52.6190, -29.6640, -2.0480**, and if you desaturate by 10%, it is **60.9250, -21.7780, -1.7940**.

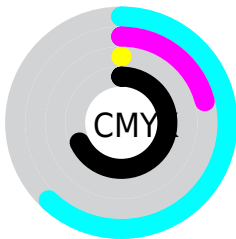
Distribution







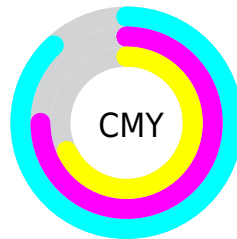
-  Red (12%)
-  Green (25%)
-  Blue (32%)






-  Red (12%)
-  Yellow (20%)
-  Blue (32%)



-  Cyan (62%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (88%)
-  Magenta (75%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.7720, -25.7210, -1.9210 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 56.7720, -25.7210, -1.9210 by changing the saturation by 10% instead.

■ 56.7720, -25.7210,
-1.9210

■ 56.7720, -25.7210,
-1.9210

■ 255.0000, -0.0000,
-0.0000

■ 32.8640, -28.9760,
-3.5040

■ 105.1850,
-25.4460, -1.3980

■ 17.7190, -18.2020,
-0.5220

■ 130.4130,
-26.0880, -0.7760

■ 2.4110, -5.4110,
4.4530

■ 157.0000,
-26.3630, -1.2990

■ 0.0000, 0.0000,
0.0000

■ 184.1140,
-26.6840, -0.9880

■ 211.5270,
-26.4090, -0.4650

■ 238.6320,

-22.5110, -5.0310

251.1130, -7.7480,
-2.7560

56.7720, -25.7210,
-1.9210

56.7720, -25.7210,
-1.9210

52.6190, -29.6640,
-2.0480

60.9250, -21.7780,
-1.7940

49.0530, -33.8820,
-2.6980

64.4910, -17.5600,
-1.1440

44.6010, -38.4210,
-3.0370

68.9430, -13.0210,
-0.8050

41.6330, -41.4470,
-3.2630

73.0960, -9.0780,
-0.6780

77.2490, -5.1350,
-0.5510

■ 80.8150, -0.9170,
0.0990

■ 84.9680, 3.0260,
0.2260

■ 89.4200, 7.5650,
0.5650

■ 93.5730, 11.5080,
0.6920

Harmonies

Analogous

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



54.3430, -29.0670, -7.3630



56.7720, -25.7210, -1.9210



60.3220, -15.4060, 3.8740

Triad

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



56.7720, -25.7210, -1.9210



62.4800, 16.5040, 9.2720



58.8010, 1.6980, -8.7500

Complementary

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



56.7720, -25.7210, -1.9210



56.2280, 25.7210, 1.9210

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.



60.1720, 10.9590, -5.8810



56.7720, -25.7210, -1.9210



62.2860, 19.8060, 4.4940

Square

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



56.7720, -25.7210, -1.9210



63.1140, 8.8470, 10.3750



61.3410, 17.9730, -0.8350



57.4020, -10.3600, -10.4880

Rectangle

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



56.7720, -25.7210, -1.9210



61.9210, -6.7870, 7.3650



61.3410, 17.9730, -0.8350



59.1820, 4.9990, -8.0010

Sweetspot

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



56.7720, -25.7210, -1.9210



96.9110, -9.9950, -0.5790



62.7610, -19.1610, -21.6970



47.1780, -6.3730, -0.1410



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



56.7720, -25.7210, -1.9210



67.2310, -40.2550, -2.8390



42.0970, -18.8460, 11.1540



38.6300, -1.8340, 0.1980



53.0600, -52.9550, -3.9550



117.4330, -117.0970, -8.9130

Inverse Universe

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



50.1250, 19.4820, 21.3860



56.9620, 30.6670, 33.4430



70.9030, 18.8460, -11.1540



38.4240, 1.7420, 1.4700



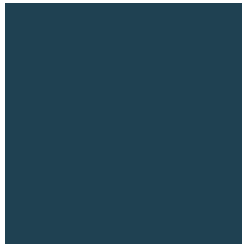
39.3750, 40.1100, 44.0300



87.0380, 88.5170, 97.3890

Previews

White Background



This preview shows how the YIQ color 56.7720, -25.7210, -1.9210 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



This preview shows how the YIQ color 56.7720, -25.7210, -1.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

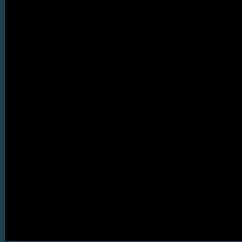
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.7720, -25.7210, -1.9210

Background



This preview shows how black text looks on a background with the YIQ color 56.7720, -25.7210, -1.9210.



This preview shows how white text looks on a background with the YIQ color 56.7720, -25.7210,

-1.9210.

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

56.7720, -25.7210, -1.9210

Protanopia

60.8560, -8.1620, 4.7500

Deuteranopia

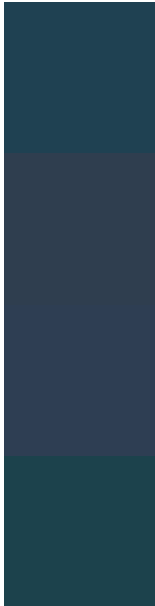
60.8280, -10.9590, 5.8810



Tritanopia

55.3110, -26.0410, -7.1370

Trichromacy



Original Color

56.7720, -25.7210, -1.9210

Protanomaly

59.4530, -14.3970, 2.1070

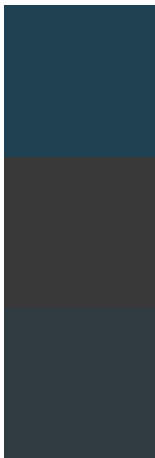
Deuteranomaly

59.6100, -16.2770, 3.1390

Tritanomaly

55.7780, -25.8580, -4.9460

Monochromacy



Original Color

56.7720, -25.7210, -1.9210

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0960, -9.0780, -0.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.7720, -25.7210, -1.9210 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(31, 65, 82)` looks like.

```
.text, #text, p{  
    color:rgb(31, 65, 82)  
}
```

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(31, 65, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 65, 82) }
```

Border

The CSS property to change the border of an element to YIQ 56.7720, -25.7210, -1.9210 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(31, 65, 82) }
```


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

```
.border{ border-color:rgb(31, 65, 82) }
```

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

Here you see how a box with a 4 pixel rgb(31, 65, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 65, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 65, 82);  
box-shadow:4px 4px 4px 4px rgb(31, 65, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.7720, -25.7210, -1.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 65, 82) }
```

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

```
.background{ background-color: rgb(31, 65,  
82) }
```

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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