

Converting Colors

YIQ(112.7560, -20.7650,
-25.6690)

Have a look what the booklet for
YIQ(112.7560, -20.7650, -25.6690)
contains.

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Color

**YIQ(112.7560, -20.7650,
-25.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	4D875C
RGB	77, 135, 92
RGB Percent	30%, 53%, 36%
CMY	0.6982, 0.4705, 0.6393
CMYK	0.43, 0.00, 0.32, 0.47
HSL	136°, 27%, 42%
HSV	136°, 43%, 53%
XYZ	13.6558, 19.6832, 13.2019
YIQ	112.7560, -20.7650, -25.6690

Conversions

Conversions Part 2

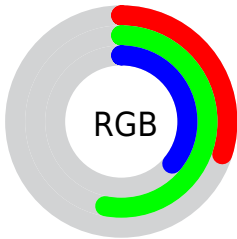
Format	Color
RYB	77, 123, 135
Decimal	5080924
CIELab	51.48, -28.97, 17.35
CIElCh	51, 33.772, 149.085
Yxy	19.6832, 0.2934, 0.4229
Android (android.graphics.Color)	4283271004 (0xFF4D875C)
YUV	112.7560, -10.2327, -31.3580
Hunter-Lab	44.3658, -22.6980, 13.4132

Details

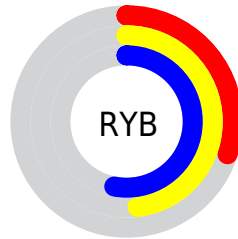
The YIQ color **112.7560, -20.7650, -25.6690** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99.2440, 20.7650, 25.6690**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7020, -20.6730, -27.3370**, and **62.6140, -23.2410, -24.8490** is the 20% darker color. If you saturate the color by 10%, you get **107.4300, -25.8990, -31.7470**, and if you desaturate by 10%, it is **117.7830, -16.2270, -19.8030**.

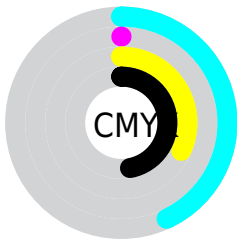
Distribution



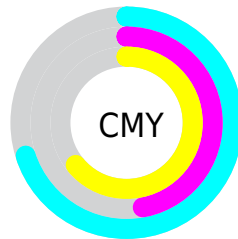
- Red (30%)
- Green (53%)
- Blue (36%)



- Red (30%)
- Yellow (48%)
- Blue (53%)



- Cyan (43%)
- Magenta (0%)
- Yellow (32%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.7560, -20.7650, -25.6690 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 112.7560, -20.7650, -25.6690 by changing the saturation by 10% instead.

■ 112.7560,
-20.7650, -25.6690

■ 112.7560,
-20.7650, -25.6690

■ 255.0000, -0.0000,
-0.0000

■ 87.2830, -20.8110,
-24.8350

■ 165.7020,
-20.6730, -27.3370

■ 62.6140, -23.2410,
-24.8490

■ 193.2890,
-20.9480, -27.8600

■ 38.5430, -24.4790,
-24.4390

■ 220.8760,
-21.2230, -28.3830

■ 22.8930, -10.7250,
-20.3970

■ 238.3100,
-16.2730, -18.9690

■ 5.8700, -2.7500,
-5.2300

■ 250.2870, -8.2980,
-3.8020

■ 0.0000, 0.0000,
0.0000

■ 112.7560,
-20.7650, -25.6690

■ 112.7560,
-20.7650, -25.6690

■ 107.4300,
-25.8990, -31.7470

■ 117.7830,
-16.2270, -19.8030

■ 102.4030,
-30.4370, -37.6130

■ 123.1090,
-11.0930, -13.7250

■ 97.0770, -35.5710,
-43.6910

■ 128.1360, -6.5550,
-7.8590

■ 92.0500, -40.1090,
-49.5570

■ 133.4620, -1.4210,
-1.7810

■ 86.7240, -45.2430,
-55.6350

■ 138.4890, 3.1170,
4.0850

■ 83.2350, -48.3600,
-59.7200

■ 143.8150, 8.2510,
10.1630

■ 148.8420, 12.7890,
16.0290

■ 154.1680, 17.9230,

22.1070

■ 159.1950, 22.4610,
27.9730

Harmonies

Analogous

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



117.3050, 8.4860, -21.6420



112.7560, -20.7650, -25.6690



102.8730, -60.6990, -28.8190

Triad

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



112.7560, -20.7650, -25.6690



116.9070, -47.7300, 5.9820



123.7410, 46.6260, 14.0340

Complementary

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



112.7560, -20.7650, -25.6690



99.2440, 20.7650, 25.6690

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.



125.5740, 37.2710, 23.8870



112.7560, -20.7650, -25.6690



124.3030, -13.2540, 19.9460

Square

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



112.7560, -20.7650, -25.6690



97.6790, -91.7870, -16.0670



126.3190, 16.1800, 26.1640



122.0420, 43.7400, 0.2520

Rectangle

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



112.7560, -20.7650, -25.6690



97.0800, -83.2110, -28.3230



126.3190, 16.1800, 26.1640



123.8920, 44.8830, 18.0910

Sweetspot

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



112.7560, -20.7650, -25.6690



167.1850, -8.2510, -10.1630



124.2020, 10.2740, -21.0060



83.6740, -5.1340, -6.0780



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



112.7560, -20.7650, -25.6690



140.7400, -33.0040, -40.6520



116.0620, -30.0740, -16.6500



63.6360, -1.9710, -2.8270



80.1860, -46.6640, -57.4160



1.8750, -1.1460, -1.2580

Inverse Universe

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



99.2440, 20.7650, 25.6690



119.2600, 33.0040, 40.6520



95.9380, 30.0740, 16.6500



62.3640, 1.9710, 2.8270



49.8140, 46.6640, 57.4160



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 112.7560, -20.7650, -25.6690 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 112.7560, -20.7650, -25.6690 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 112.7560, -20.7650, -25.6690 Background



This preview shows how black text looks on a background with the YIQ color 112.7560, -20.7650, -25.6690.



This preview shows how white text looks on a background with the YIQ color 112.7560, -20.7650, -25.6690.

-25.6690.

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

112.7560, -20.7650, -25.6690

Protanopia

120.8860, 17.5160, -9.0760

Deuteranopia

122.3800, 22.2370, -1.0190



Tritanopia

117.8810, -27.6460, -5.5820

Trichromacy



Original Color

112.7560, -20.7650, -25.6690

Protanomaly

118.0690, 3.5790, -15.3090

Deuteranomaly

119.1990, 6.3290, -10.0790

Tritanomaly

115.9210, -25.1230, -12.7630

Monochromacy



Original Color

112.7560, -20.7650, -25.6690

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8970, -7.3800, -9.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7560, -20.7650, -25.6690 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(77, 135, 92)` looks like.

```
.text, #text, p{  
    color:rgb(77, 135, 92)  
}
```

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(77, 135, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 135, 92) }
```

Border

The CSS property to change the border of an element to YIQ 112.7560, -20.7650, -25.6690 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(77, 135, 92) }
```


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

```
.border{ border-color:rgb(77, 135, 92) }
```

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

Here you see how a box with a 4 pixel rgb(77, 135, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 135, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 135, 92);  
box-shadow:4px 4px 4px 4px rgb(77, 135,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 112.7560, -20.7650, -25.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 135, 92) }
```

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

```
.background{ background-color: rgb(77, 135,  
92) }
```

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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