

Converting Colors

YIQ(125.5750, 51.5840,
-20.7680)

Have a look what the booklet for
YIQ(125.5750, 51.5840, -20.7680)
contains.

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Color

**YIQ(125.5750, 51.5840,
-20.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	A27D21
RGB	162, 125, 33
RGB Percent	64%, 49%, 13%
CMY	0.3647, 0.5098, 0.8703
CMYK	0.00, 0.23, 0.80, 0.36
HSL	43°, 66%, 38%
HSV	43°, 80%, 64%
XYZ	22.5090, 22.4556, 4.5920
YIQ	125.5750, 51.5840, -20.7680

Conversions

Conversions Part 2

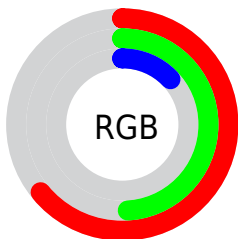
Format	Color
RYB	85, 162, 33
Decimal	10648865
CIELab	54.51, 5.43, 51.95
CIELCh	55, 52.231, 84.028
Yxy	22.4556, 0.4542, 0.4531
Android (android.graphics.Color)	4288838945 (0xFFA27D21)
YUV	125.5750, -45.6395, 31.9447
Hunter-Lab	47.3874, 1.8596, 27.4257

Details

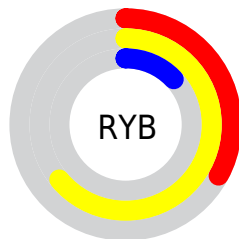
The YIQ color **125.5750, 51.5840, -20.7680** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **69.4250, -51.5840, 20.7680**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.3690, 55.1600, -19.4960**, and **76.3060, 42.2760, -17.2760** is the 20% darker color. If you saturate the color by 10%, you get **120.8160, 58.0950, -23.1290**, and if you desaturate by 10%, it is **130.3340, 45.0730, -18.4070**.

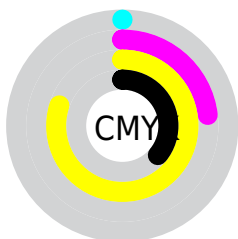
Distribution



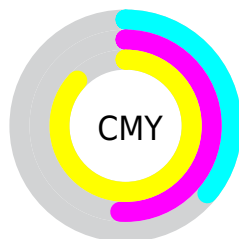
- Red (64%)
- Green (49%)
- Blue (13%)



- Red (33%)
- Yellow (64%)
- Blue (13%)



- Cyan (0%)
- Magenta (23%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.5750, 51.5840, -20.7680 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 125.5750, 51.5840, -20.7680 by changing the saturation by 10% instead.

■ 125.5750, 51.5840,
-20.7680

■ 125.5750, 51.5840,
-20.7680

■ 255.0000, -0.0000,
-0.0000

■ 98.7660, 52.3640,
-23.8920

■ 179.3690, 55.1600,
-19.4960

■ 76.3060, 42.2760,
-17.2760

■ 207.7390, 56.9940,
-19.6940

■ 55.3190, 32.2340,
-11.4940

■ 228.7480, 43.6070,
-24.8810

■ 35.2180, 22.5130,
-6.0230

■ 244.7400, 28.8900,
-27.9900

■ 15.1280, 14.2590,
0.3950

■ 247.9320, 19.9020,
-19.2820

■ 0.0000, 0.0000,
0.0000

■ 251.1240, 10.9140,

-10.5740

254.4300, 1.6050,
-1.5550

125.5750, 51.5840,
-20.7680

125.5750, 51.5840,
-20.7680

120.8160, 58.0950,
-23.1290

130.3340, 45.0730,
-18.4070

116.6440, 64.3310,
-26.0130

134.5060, 38.8370,
-15.5230

115.9430, 64.9270,
-25.8010

139.3790, 32.0050,
-12.8510

144.1380, 25.4940,
-10.4900

148.3100, 19.2580,
-7.6060

■ 153.0690, 12.7470,
-5.2450

■ 157.8280, 6.2360,
-2.8840

■ 162.1140, -0.3210,
0.3110

■ 166.8730, -6.8320,
2.6720

Harmonies

Analogous

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



127.7260, 68.1770, 3.4170



125.5750, 51.5840, -20.7680



121.8480, 19.5380, -34.7180

Triad

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



125.5750, 51.5840, -20.7680



108.1480, -95.0860, -27.8700



134.3600, 18.1030, 40.8790

Complementary

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



125.5750, 51.5840, -20.7680



69.4250, -51.5840, 20.7680

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.



130.2810, -33.3830, 26.8170



125.5750, 51.5840, -20.7680



110.0180, -105.8630, -14.2710

Square

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



125.5750, 51.5840, -20.7680



102.9040, -80.3200, -42.1760



106.0860, -108.5700, -3.7540



130.2100, 53.6360, 41.1880

Rectangle

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



125.5750, 51.5840, -20.7680



117.0000, -10.3090, -38.9570



106.0860, -108.5700, -3.7540



134.1670, 2.4690, 37.8690

Sweetspot

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



125.5750, 51.5840, -20.7680



197.3810, 20.4960, -8.0160



76.0170, 64.3650, 39.4770



98.1830, 12.4260, -4.9340



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



125.5750, 51.5840, -20.7680



154.1110, 81.7090, -32.5870



139.5200, 25.9130, -45.6310



79.2130, 3.7140, -1.2300



104.4030, 57.8200, -23.6520



13.0130, 7.1530, -2.9830

Inverse Universe

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



69.4250, -51.5840, 20.7680



65.8890, -81.7090, 32.5870



55.4800, -25.9130, 45.6310



75.7870, -3.7140, 1.2300



41.1840, -58.0950, 23.1290



4.9870, -7.1530, 2.9830

Previews

White Background



This preview shows how the YIQ color 125.5750, 51.5840, -20.7680 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 125.5750, 51.5840, -20.7680 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 125.5750, 51.5840, -20.7680

Background



This preview shows how black text looks on a background with the YIQ color 125.5750, 51.5840, -20.7680.



This preview shows how white text looks on a background with the YIQ color 125.5750, 51.5840, -20.7680.

-20.7680.

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

125.5750, 51.5840, -20.7680

Protanopia

124.8400, 40.3520, -26.4640

Deuteranopia

125.7000, 52.7300, -19.5100



Tritanopia

133.1610, 27.8280, 13.3000

Trichromacy



Original Color

125.5750, 51.5840, -20.7680

Protanomaly

125.0470, 44.2030, -24.6690

Deuteranomaly

125.4010, 52.1340, -19.7220

Tritanomaly

130.5620, 36.4040, 1.0440

Monochromacy



Original Color

125.5750, 51.5840, -20.7680

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0110, 18.6620, -7.8180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.5750, 51.5840, -20.7680 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(162, 125, 33)` looks like.

```
.text, #text, p{  
    color:rgb(162, 125, 33)  
}
```

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(162, 125, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 125, 33) }
```

Border

The CSS property to change the border of an element to YIQ 125.5750, 51.5840, -20.7680 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(162, 125, 33) }
```


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

```
.border{ border-color:rgb(162, 125, 33) }
```

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

Here you see how a box with a 4 pixel rgb(162, 125, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 125, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 125, 33);  
box-shadow:4px 4px 4px 4px rgb(162, 125,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 125.5750, 51.5840, -20.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 125, 33) }
```

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

```
.background{ background-color: rgb(162,  
125, 33) }
```

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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