

Converting Colors

YIQ(120.9750, 20.6250, 39.2250)

Have a look what the booklet for
YIQ(120.9750, 20.6250, 39.2250)
contains.

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Color

**YIQ(120.9750, 20.6250,
39.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	A55AA5
RGB	165, 90, 165
RGB Percent	65%, 35%, 65%
CMY	0.3527, 0.6472, 0.3529
CMYK	0.00, 0.45, 0.00, 0.35
HSL	300°, 29%, 50%
HSV	300°, 45%, 65%
XYZ	25.9746, 18.0294, 37.7112
YIQ	120.9750, 20.6250, 39.2250

Conversions

Conversions Part 2

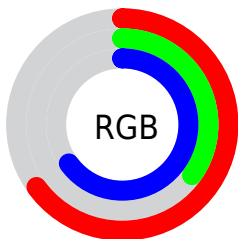
Format	Color
R _{YB}	165, 90, 165
Decimal	10836645
CIE _{Lab}	49.53, 42.00, -27.47
CIE _{LCh}	50, 50.189, 326.818
Yxy	18.0294, 0.3179, 0.2206
Android (android.graphics.Color)	4289026725 (0xFFA55AA5)
YUV	120.9750, 21.7043, 38.6099
Hunter-Lab	42.4610, 34.8868, -22.9350

Details

The YIQ color **120.9750, 20.6250, 39.2250** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.0250, -20.6250, -39.2250**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5130, 22.0460, 41.0060**, and **68.9640, 19.1580, 38.2780** is the 20% darker color. If you saturate the color by 10%, you get **110.9960, 25.3000, 48.1160**, and if you desaturate by 10%, it is **130.3670, 16.2250, 30.8570**.

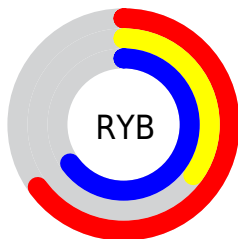
Distribution



Red (65%)

Green (35%)

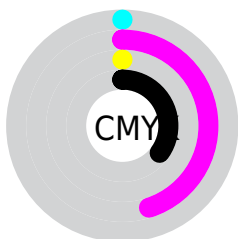
Blue (65%)



Red (65%)

Yellow (35%)

Blue (65%)

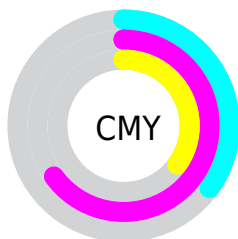


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.9750, 20.6250, 39.2250 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 120.9750, 20.6250, 39.2250 by changing the saturation by 10% instead.

120.9750, 20.6250,
39.2250

120.9750, 20.6250,
39.2250

255.0000, -0.0000,
-0.0000

95.1490, 20.0750,
38.1790

174.8120, 22.6420,
41.2180

68.9640, 19.1580,
38.2780

203.2250, 22.9170,
41.7410

41.3170, 19.6620,
40.1580

220.9540, 15.9500,
30.3340

25.2360, 15.2160,
32.6240

237.9770, 7.9750,
15.1670

16.7480, 10.3580,
21.5420

2.8670, -6.6950,
5.6970

0.0000, 0.0000,

0.0000

■ 120.9750, 20.6250,
39.2250

■ 120.9750, 20.6250,
39.2250

■ 110.9960, 25.3000,
48.1160

■ 130.3670, 16.2250,
30.8570

■ 101.6040, 29.7000,
56.4840

■ 140.3460, 11.5500,
21.9660

■ 91.6250, 34.3750,
65.3750

■ 149.7380, 7.1500,
13.5980

■ 82.2330, 38.7750,
73.7430

■ 159.7170, 2.4750,
4.7070

■ 72.2540, 43.4500,
82.6340

■ 169.6960, -2.2000,
-4.1840

■ 68.1450, 45.3750,
86.2950

■ 179.0880, -6.6000,
-12.5520

■ 189.0670,
-11.2750, -21.4430

■ 198.4590,
-15.6750, -29.8110

■ 208.4380,
-20.3500, -38.7020

Harmonies

Analogous

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



118.4020, -26.4140, 27.1700



120.9750, 20.6250, 39.2250



117.0310, 52.5820, 38.2620

Triad

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



120.9750, 20.6250, 39.2250



112.5960, 47.0910, -21.9410



98.6760, -87.7050, -23.9690

Complementary

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



120.9750, 20.6250, 39.2250



134.0250, -20.6250, -39.2250

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.



93.7740, -73.9020, -37.3420



120.9750, 20.6250, 39.2250



108.9230, 14.9530, -34.2230

Square

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



120.9750, 20.6250, 39.2250



115.3940, 63.1800, 0.3640



99.0820, -33.9670, -39.7190



100.0900, -97.1980, -11.6140

Rectangle

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



120.9750, 20.6250, 39.2250



115.6220, 63.6790, 29.8790



99.0820, -33.9670, -39.7190



97.0800, -83.2110, -28.3230

Sweetspot

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



120.9750, 20.6250, 39.2250



196.3900, 8.2500, 15.6900



98.5500, -24.0750, 23.3250



96.4340, 4.9500, 9.4140



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.



120.9750, 20.6250, 39.2250



144.7340, 32.4500, 61.7140



116.7570, 32.5020, 27.7180



76.7170, 2.4750, 4.7070



59.8850, 39.8750, 75.8350



7.4340, 4.9500, 9.4140

Inverse Universe

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



120.9750, 20.6250, 39.2250



144.7340, 32.4500, 61.7140



138.3570, -32.8230, -27.4070



76.7170, 2.4750, 4.7070



59.8850, 39.8750, 75.8350



7.4340, 4.9500, 9.4140

Previews

White Background



This preview shows how the YIQ color 120.9750, 20.6250, 39.2250 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 × Fail

Black Background



This preview shows how the YIQ color 120.9750, 20.6250, 39.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

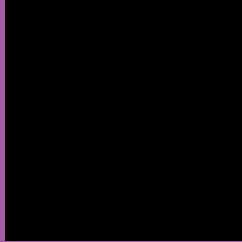
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.9750, 20.6250, 39.2250

Background



This preview shows how black text looks on a background with the YIQ color 120.9750, 20.6250, 39.2250.



This preview shows how white text looks on a background with the YIQ color 120.9750, 20.6250,

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

120.9750, 20.6250, 39.2250

Protanopia

116.8040, -36.7740, 16.6820

Deuteranopia

118.6130, -20.3590, 11.0410



Tritanopia

120.2430, 30.5330, 13.8370

Trichromacy



Original Color

120.9750, 20.6250, 39.2250

Protanomaly

118.6820, -15.6390, 24.6250

Deuteranomaly

119.2500, -5.7350, 21.3450

Tritanomaly

120.4850, 27.2760, 23.3080

Monochromacy



Original Color

120.9750, 20.6250, 39.2250

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1510, 7.4250, 14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9750, 20.6250, 39.2250 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(165, 90, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 90, 165)  
}
```

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(165, 90, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 90, 165) }
```

Border

The CSS property to change the border of an element to YIQ 120.9750, 20.6250, 39.2250 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(165, 90, 165) }
```


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

```
.border{ border-color:rgb(165, 90, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 90, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 90, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 90, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 90,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9750, 20.6250, 39.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 90, 165) }
```

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

```
.background{ background-color: rgb(165, 90,  
165) }
```

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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