

Converting Colors

YIQ(126.1320, 0.4090, 20.1290)

Have a look what the booklet for
YIQ(126.1320, 0.4090, 20.1290)
contains.

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Color

**YIQ(126.1320, 0.4090,
20.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	8B71A0
RGB	139, 113, 160
RGB Percent	55%, 44%, 63%
CMY	0.4548, 0.5569, 0.3726
CMYK	0.13, 0.29, 0.00, 0.37
HSL	273°, 20%, 54%
HSV	273°, 29%, 63%
XYZ	22.8997, 19.8366, 35.8755
YIQ	126.1320, 0.4090, 20.1290

Conversions

Conversions Part 2

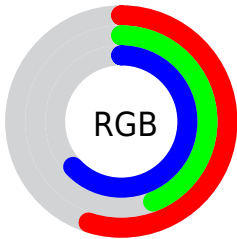
Format	Color
R_{YB}	139, 113, 160
Decimal	9138592
CIE _{Lab}	51.65, 19.52, -21.50
CIE _{LCh}	52, 29.037, 312.244
Yxy	19.8366, 0.2913, 0.2523
Android (android.graphics.Color)	4287328672 (0xFF8B71A0)
YUV	126.1320, 16.6969, 11.2852
Hunter-Lab	44.5383, 13.8350, -16.5813

Details

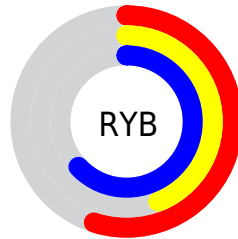
The YIQ color $126.1320, 0.4090, 20.1290$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $146.8680, -0.4090, -20.1290$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.0720, 0.6380, 21.4860$, and $76.7790, -0.0950, 18.2490$ is the 20% darker color. If you saturate the color by 10%, you get $114.6470, 0.6370, 27.0130$, and if you desaturate by 10%, it is $137.6170, 0.1810, 13.2450$.

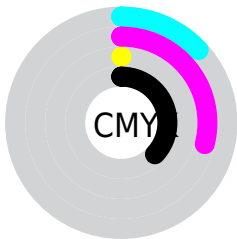
Distribution



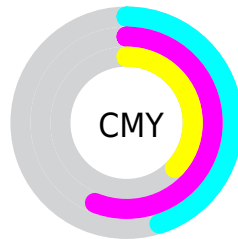
- Red (55%)
- Green (44%)
- Blue (63%)



- Red (55%)
- Yellow (44%)
- Blue (63%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (37%)



- Cyan (45%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1320, 0.4090, 20.1290 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 126.1320, 0.4090, 20.1290 by changing the saturation by 10% instead.

■ 126.1320, 0.4090,
20.1290

■ 126.1320, 0.4090,
20.1290

■ 255.0000, -0.0000,
-0.0000

■ 100.7190, 0.1340,
19.6060

■ 179.0720, 0.6380,
21.4860

■ 76.7790, -0.0950,
18.2490

■ 206.4850, 0.9130,
22.0090

■ 53.3660, -0.3700,
17.7260

■ 232.9600, 6.6450,
17.2450

■ 31.5400, -0.9200,
16.6800

■ 251.4780, 1.6500,
3.1380

■ 11.3230, 1.1890,
17.0050

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,

0.0000

126.1320, 0.4090,
20.1290

126.1320, 0.4090,
20.1290

114.6470, 0.6370,
27.0130

137.6170, 0.1810,
13.2450

103.1620, 0.8650,
33.8970

149.1020, -0.0470,
6.3610

91.6770, 1.0930,
40.7810

160.5870, -0.2750,
-0.5230

79.8930, 0.7250,
47.4530

172.3710, 0.0930,
-7.1950

68.4080, 0.9530,
54.3370

183.8560, -0.1350,
-14.0790

56.9230, 1.1810,
61.2210

195.3410, -0.3630,
-20.9630

■ 45.4380, 1.4090,
68.1050

■ 206.8260, -0.5910,
-27.8470

■ 44.8510, 1.6840,
68.6280

■ 218.3110, -0.8190,
-34.7310

■ 228.6220, -0.4970,
-40.5690

Harmonies

Analogous

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



122.2040, -26.4570, 11.4230



126.1320, 0.4090, 20.1290



126.5060, 22.7830, 22.1350

Triad

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



126.1320, 0.4090, 20.1290



122.2040, 34.2960, -4.8080



106.6440, -58.3160, -22.4440

Complementary

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



126.1320, 0.4090, 20.1290



146.8680, -0.4090, -20.1290

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.



112.6720, -29.1560, -22.2760



126.1320, 0.4090, 20.1290



120.6810, 19.3510, -14.8010

Square

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



126.1320, 0.4090, 20.1290



124.0020, 41.2170, 7.4330



117.1990, -2.8390, -20.1430



104.2050, -72.8970, -17.0010

Rectangle

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



126.1320, 0.4090, 20.1290



125.7860, 33.5580, 19.5900



117.1990, -2.8390, -20.1430



108.6190, -48.0000, -22.1760

Sweetspot

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



126.1320, 0.4090, 20.1290



195.4550, 0.4570, 8.2410



130.6850, -20.8620, 3.6340



96.1620, -0.2760, 5.0040



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



126.1320, 0.4090, 20.1290



156.2820, 0.4070, 31.1830



132.1830, 13.5670, 23.9590



73.4070, 0.4120, 3.5480



39.9230, 1.1810, 61.2210



4.1020, -0.0470, 6.3610

Inverse Universe

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



129.4470, 21.2710, 16.4950



161.5890, 32.9150, 25.7390



140.8170, -13.5670, -23.9590



73.8480, 3.4840, 2.9400



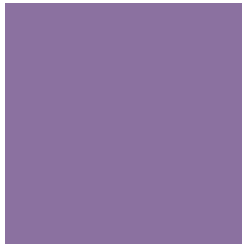
50.0530, 64.6840, 50.2200



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 126.1320, 0.4090, 20.1290 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 126.1320, 0.4090, 20.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

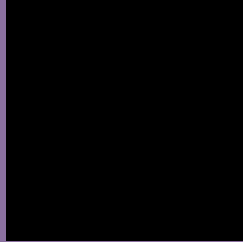
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1320, 0.4090, 20.1290

Background



This preview shows how black text looks on a background with the YIQ color 126.1320, 0.4090, 20.1290.



This preview shows how white text looks on a background with the YIQ color 126.1320, 0.4090,

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

126.1320, 0.4090, 20.1290

Protanopia

123.4280, -21.2760, 11.1400

Deuteranopia

124.0220, -14.2610, 10.6590



Tritanopia

124.5110, 6.0510, 5.9790

Trichromacy



Original Color

126.1320, 0.4090, 20.1290

Protanomaly

124.7280, -13.2530, 14.4190

Deuteranomaly

124.7670, -8.9890, 14.2350

Tritanomaly

125.3030, 3.9410, 11.1810

Monochromacy



Original Color

126.1320, 0.4090, 20.1290

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1320, 0.4090, 20.1290 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(139, 113, 160)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 160)  
}
```

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(139, 113, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 160) }
```

Border

The CSS property to change the border of an element to YIQ 126.1320, 0.4090, 20.1290 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(139, 113, 160) }
```


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

```
.border{ border-color:rgb(139, 113, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 113, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 113, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 113, 160);  
box-shadow:4px 4px 4px 4px rgb(139, 113,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1320, 0.4090, 20.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 160) }
```

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

```
.background{ background-color: rgb(139,  
113, 160) }
```

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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