

Converting Colors

YIQ(91.2020, -5.7800, 16.6520)

Have a look what the booklet for
YIQ(91.2020, -5.7800, 16.6520)
contains.

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Color

**YIQ(91.2020, -5.7800,
16.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	60527E
RGB	96, 82, 126
RGB Percent	38%, 32%, 49%
CMY	0.6235, 0.6784, 0.5059
CMYK	0.24, 0.35, 0.00, 0.51
HSL	259°, 21%, 41%
HSV	259°, 35%, 49%
XYZ	11.6073, 10.0273, 21.0574
YIQ	91.2020, -5.7800, 16.6520

Conversions

Conversions Part 2

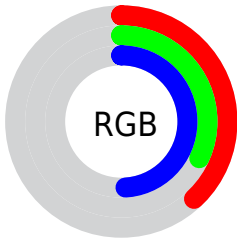
Format	Color
R_{YB}	96, 82, 126
Decimal	6312574
CIE _{Lab}	37.89, 15.78, -22.74
CIE _{LCh}	38, 27.678, 304.748
Yxy	10.0273, 0.2719, 0.2349
Android (android.graphics.Color)	4284502654 (0xFF60527E)
YUV	91.2020, 17.1554, 4.2078
Hunter-Lab	31.6660, 10.0146, -17.2609

Details

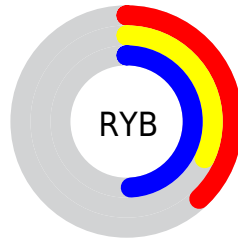
The YIQ color **91.2020, -5.7800, 16.6520** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **116.7980, 5.7800, -16.6520**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.2560, -5.8720, 18.3200**, and **44.8490, -6.2840, 14.7720** is the 20% darker color. If you saturate the color by 10%, you get **80.8800, -7.5690, 21.5430**, and if you desaturate by 10%, it is **101.5240, -3.9910, 11.7610**.

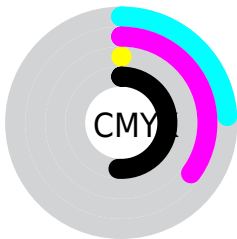
Distribution



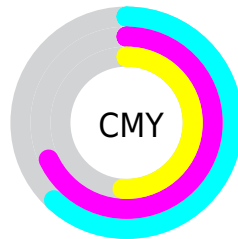
- Red (38%)
- Green (32%)
- Blue (49%)



- Red (38%)
- Yellow (32%)
- Blue (49%)



- Cyan (24%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.2020, -5.7800, 16.6520 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 91.2020, -5.7800, 16.6520 by changing the saturation by 10% instead.

■ 91.2020, -5.7800,
16.6520

■ 91.2020, -5.7800,
16.6520

■ 255.0000, -0.0000,
-0.0000

■ 67.6750, -5.7340,
15.8180

■ 141.2560, -5.8720,
18.3200

■ 44.8490, -6.2840,
14.7720

■ 168.2560, -5.8720,
18.3200

■ 23.9090, -6.5130,
13.4150

■ 195.7830, -5.9180,
19.1540

■ 3.6480, -10.2720,
9.9520

■ 222.2840, -3.0750,
17.1890

■ 0.5700, -1.6050,
1.5550

■ 246.7820, 3.8500,
7.3220

■ 0.0000, 0.0000,
0.0000

■ 91.2020, -5.7800,
16.6520

■ 91.2020, -5.7800,
16.6520

■ 80.8800, -7.5690,
21.5430

■ 101.5240, -3.9910,
11.7610

■ 71.4440, -9.0370,
26.1230

■ 110.9600, -2.5230,
7.1810

■ 61.1220, -10.8260,
31.0140

■ 121.2820, -0.7340,
2.2900

■ 51.6860, -12.2940,
35.5940

■ 130.7180, 0.7340,
-2.2900

■ 41.3640, -14.0830,
40.4850

■ 141.0400, 2.5230,
-7.1810

■ 31.3410, -15.2760,
45.5880

■ 151.3620, 4.3120,
-12.0720

■ 26.3240, -16.6060,
47.6660

■ 160.7980, 5.7800,
-16.6520

■ 171.1200, 7.5690,

-21.5430

■ 180.5560, 9.0370,
-26.1230

Harmonies

Analogous

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



86.0460, -32.0040, 7.3240



91.2020, -5.7800, 16.6520



91.7440, 16.1810, 20.6370

Triad

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



91.2020, -5.7800, 16.6520



88.7140, 32.9200, -1.8960



69.7750, -57.3070, -24.2110

Complementary

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



91.2020, -5.7800, 16.6520



116.7980, 5.7800, -16.6520

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.



80.3310, -20.7660, -20.1420



91.2020, -5.7800, 16.6520



87.1590, 21.0010, -11.6630

Square

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



91.2020, -5.7800, 16.6520



89.7180, 36.2650, 9.0730



84.3030, 2.8000, -17.7120



71.6960, -64.0940, -16.8460

Rectangle

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



91.2020, -5.7800, 16.6520



90.9640, 27.1850, 19.4490



84.3030, 2.8000, -17.7120



74.8430, -42.8190, -22.4590

Sweetspot

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



91.2020, -5.7800, 16.6520



150.3190, -2.1560, 6.0360



104.6260, -22.3740, -2.0060



74.0370, -1.4220, 3.7460



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



91.2020, -5.7800, 16.6520



109.3300, -8.7160, 25.8120



97.7800, 7.3320, 21.3160



58.3960, -1.0550, 2.6010



26.8510, -16.6520, 48.5000



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.5760, 16.5940, 18.6580



120.5760, 25.7620, 28.7220



110.2200, -7.3320, -21.3160



59.6630, 2.5670, 3.0390



48.1900, 48.3610, 54.1930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 91.2020, -5.7800, 16.6520 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 91.2020, -5.7800, 16.6520 looks on a black 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

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

YIQ 91.2020, -5.7800, 16.6520

Background



This preview shows how black text looks on a background with the YIQ color 91.2020, -5.7800, 16.6520.



This preview shows how white text looks on a background with the YIQ color 91.2020, -5.7800,

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

91.2020, -5.7800, 16.6520

Protanopia

89.0150, -21.5510, 10.6170

Deuteranopia

88.9290, -18.4330, 9.1750



Tritanopia

89.3960, -1.0550, 2.6010

Trichromacy



Original Color

91.2020, -5.7800, 16.6520

Protanomaly

90.0050, -15.5910, 12.7370

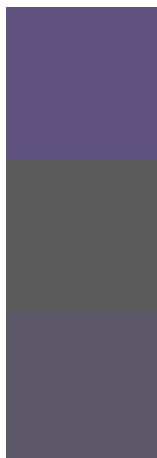
Deuteranomaly

89.8480, -13.7110, 11.7050

Tritanomaly

90.0740, -2.8440, 7.4920

Monochromacy



Original Color

91.2020, -5.7800, 16.6520

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.3190, -2.1560, 6.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.2020, -5.7800, 16.6520 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(96, 82, 126)` looks like.

```
.text, #text, p{  
    color:rgb(96, 82, 126)  
}
```

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(96, 82, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 82, 126) }
```

Border

The CSS property to change the border of an element to YIQ 91.2020, -5.7800, 16.6520 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(96, 82, 126) }
```


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

```
.border{ border-color:rgb(96, 82, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 82, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 82, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 82, 126);  
box-shadow:4px 4px 4px 4px rgb(96, 82,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 91.2020, -5.7800, 16.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 82, 126) }
```

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

```
.background{ background-color: rgb(96, 82,  
126) }
```

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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