

Converting Colors

XYZ(19.1653, 17.4940, 47.1663)

Have a look what the booklet for
XYZ(19.1653, 17.4940, 47.1663)
contains.

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Color

**XYZ(19.1653, 17.4940,
47.1663)**

Conversions

Conversions Part 1

Format	Color
Hex	6070B7
RGB	96, 112, 183
RGB Percent	38%, 44%, 72%
CMY	0.6235, 0.5608, 0.2824
CMYK	0.48, 0.39, 0.00, 0.28
HSL	229°, 38%, 55%
HSV	229°, 48%, 72%
XYZ	19.1653, 17.4940, 47.1663
YIQ	115.3100, -32.3270, 18.6890

Conversions

Conversions Part 2

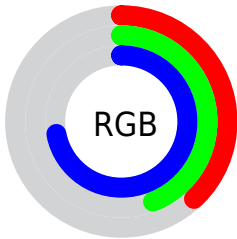
Format	Color
R_{YB}	96, 110, 183
Decimal	6320311
CIE _{Lab}	48.88, 13.56, -39.47
CIE _{LCh}	49, 41.736, 288.958
Yxy	17.4940, 0.2286, 0.2087
Android (android.graphics.Color)	4284510391 (0xFF6070B7)
YUV	115.3100, 33.3712, -16.9349
Hunter-Lab	41.8258, 8.5965, -37.5823

Details

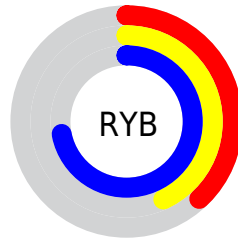
The XYZ color **19.1653, 17.4940, 47.1663** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **35.4595, 38.5507, 16.6395**, and the grayscale version is **16.2992, 17.1480, 18.6742**.

A 20% lighter version of the original color is **41.4397, 39.0057, 87.0061**, and **6.7946, 5.8434, 21.8889** is the 20% darker color. If you saturate the color by 10%, you get **15.9459, 13.5878, 46.5824**, and if you desaturate by 10%, it is **23.1076, 22.1791, 47.8632**.

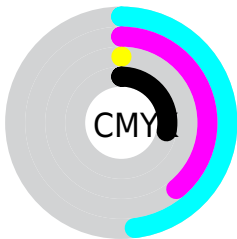
Distribution



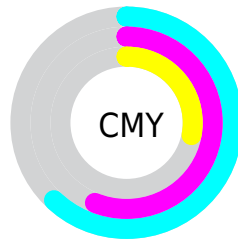
- Red (38%)
- Green (44%)
- Blue (72%)



- Red (38%)
- Yellow (43%)
- Blue (72%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)
- Black (28%)



- Cyan (62%)
- Magenta (56%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1653, 17.4940, 47.1663 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 XYZ color 19.1653, 17.4940, 47.1663 by changing the saturation by 10% instead.

■ 19.1653, 17.4940,
47.1663

■ 19.1653, 17.4940,
47.1663

240.2804,
238.0033, 391.8909

■ 11.8945, 10.5873,
32.8119

■ 41.5279, 39.1732,
87.3144

■ 6.7436, 5.7901,
21.7124

■ 57.3505, 54.7145,
113.9451

■ 3.3471, 2.7179,
13.4494

■ 76.7543, 73.9028,
145.5050

■ 1.3399, 0.9863,
7.6044

■ 100.1048, 97.1226,
182.4126

■ 0.2128, 0.0000,
3.7588

127.7673,
124.7581, 225.0864

■ 0.0000, 0.0000,
1.4940

160.1072,

■ 0.0000, 0.0000,

157.1938, 273.9451

0.2134

197.4898,
194.8140, 329.4071

■ 0.0000, 0.0000,
0.0000

■ 19.1653, 17.4940,
47.1663

■ 19.1653, 17.4940,
47.1663

■ 15.9459, 13.5878,
46.5824

■ 23.1076, 22.1791,
47.8632

■ 13.4022, 10.4156,
46.1041

■ 27.8117, 27.6811,
48.6772

■ 11.4848, 7.9302,
45.7255

■ 33.3163, 34.0376,
49.6140

■ 10.1359, 6.0782,
45.4391

■ 39.6568, 41.2833,
50.6784

■ 9.2755, 4.7915,
45.2361

■ 46.8663, 49.4510,
51.8750

■ 9.1094, 4.5431,
45.1969

■ 54.9762, 58.5717,
53.2080

■ 64.0164, 68.6752,
54.6817

■ 74.0152, 79.7896,
56.3000

■ 82.8699, 90.8441,
57.9670

Harmonies

Analogous

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



15.2419, 17.4940, 48.5743



19.1653, 17.4940, 47.1663



22.8985, 17.4940, 36.7584

Triad

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



19.1653, 17.4940, 47.1663



22.0107, 17.4940, 7.0677



10.3385, 17.4940, 15.2490

Complementary

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



19.1653, 17.4940, 47.1663



35.4595, 38.5507, 16.6395

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.



11.6207, 17.4940, 8.1977



19.1653, 17.4940, 47.1663



18.0947, 17.4940, 4.8493

Square

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



19.1653, 17.4940, 47.1663



24.7093, 17.4940, 12.9270



14.3243, 17.4940, 5.1617



10.5335, 17.4940, 26.8483

Rectangle

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



19.1653, 17.4940, 47.1663



24.5888, 17.4940, 27.7753



14.3243, 17.4940, 5.1617



10.6020, 17.4940, 12.3721

Sweetspot

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



19.1660, 17.4946, 47.1667



63.2558, 65.0733, 89.4622



28.6044, 39.0928, 41.9230



13.4511, 13.7767, 19.6718



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



19.1660, 17.4946, 47.1667



28.3521, 24.0816, 83.3896



20.7712, 15.9306, 46.7802



8.6512, 8.9795, 11.3567



6.3924, 3.2445, 31.5424



0.2662, 0.1960, 1.1256

Inverse Universe

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



26.6366, 19.6038, 17.7097



43.5438, 29.0560, 23.3343



32.9306, 41.8701, 17.4135



9.0703, 9.0385, 9.7174



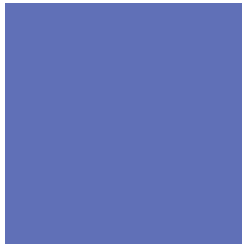
13.8403, 7.1099, 1.7797



0.5085, 0.2589, 0.1713

Previews

White Background



This preview shows how the XYZ color 19.1653, 17.4940, 47.1663 looks on a white background.

Color Contrast Check

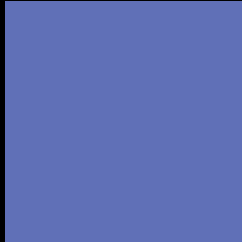
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.1653, 17.4940, 47.1663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

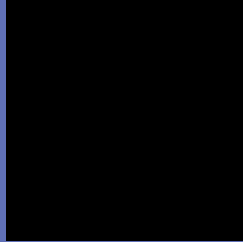
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1653, 17.4940, 47.1663

Background



This preview shows how black text looks on a background with the XYZ color 19.1653, 17.4940, 47.1663.

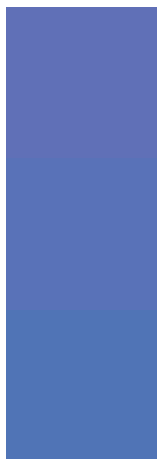


This preview shows how white text looks on a background with the XYZ color 19.1653, 17.4940,

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

19.1653, 17.4940, 47.1663

Protanopia

18.7889, 17.6192, 47.7580

Deuteranopia

17.9972, 17.5737, 46.6995



Tritanopia

14.6412, 17.5812, 24.4516

Trichromacy



Original Color

19.1653, 17.4940, 47.1663

Protanomaly

18.9705, 17.5463, 47.7343

Deuteranomaly

18.4120, 17.6173, 46.6860

Tritanomaly

16.0205, 17.4065, 31.7936

Monochromacy



Original Color

19.1653, 17.4940, 47.1663

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9353, 17.1162, 27.2221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1653, 17.4940, 47.1663 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, 112, 183)` looks like.

```
.text, #text, p{  
    color:rgb(96, 112, 183)  
}
```

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, 112, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 112, 183) }
```

Border

The CSS property to change the border of an element to XYZ 19.1653, 17.4940, 47.1663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

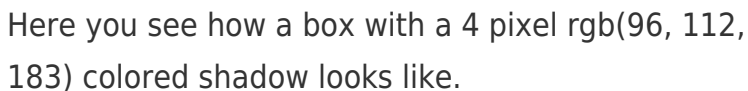
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 112, 183) }
```


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

```
.border{ border-color:rgb(96, 112, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 112, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 112, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 112, 183); box-shadow:4px 4px 4px 4px rgb(96, 112, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1653, 17.4940, 47.1663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 112, 183) }
```

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

```
.background{ background-color: rgb(96, 112,  
183) }
```

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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