

Converting Colors

XYZ(19.2512, 18.8682, 33.1994)

Have a look what the booklet for
XYZ(19.2512, 18.8682, 33.1994)
contains.

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Color

**XYZ(19.2506, 18.8674,
33.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	72769A
RGB	114, 118, 154
RGB Percent	45%, 46%, 60%
CMY	0.5529, 0.5372, 0.3961
CMYK	0.26, 0.23, 0.00, 0.40
HSL	234°, 17%, 53%
HSV	234°, 26%, 60%
XYZ	19.2506, 18.8674, 33.1990
YIQ	120.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

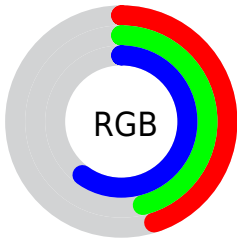
Format	Color
R_{YB}	114, 118, 154
Decimal	7501466
CIE _{Lab}	50.53, 6.86, -19.90
CIE _{LCh}	51, 21.051, 289.015
Yxy	18.8674, 0.2699, 0.2646
Android (android.graphics.Color)	4285691546 (0xFF72769A)
YUV	120.9080, 16.3144, -6.0583
Hunter-Lab	43.4366, 3.0950, -14.9102

Details

The XYZ color **19.2506, 18.8674, 33.1990** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.2702, 29.8977, 20.2537**, and the grayscale version is **18.0970, 19.0395, 20.7340**.

A 20% lighter version of the original color is **41.6962, 41.5190, 65.4908**, and **6.8183, 6.4834, 13.7240** is the 20% darker color. If you saturate the color by 10%, you get **15.8997, 14.8928, 32.6088**, and if you desaturate by 10%, it is **23.1798, 23.4970, 33.8858**.

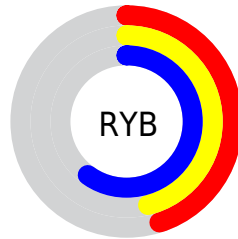
Distribution



Red (45%)

Green (46%)

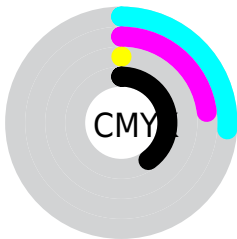
Blue (60%)



Red (45%)

Yellow (46%)

Blue (60%)

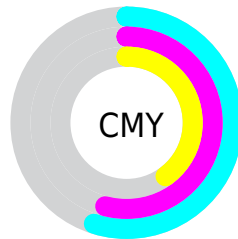


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2506, 18.8674, 33.1990 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 19.2506, 18.8674, 33.1990 by changing the saturation by 10% instead.

■ 19.2506, 18.8674,
33.1990

■ 19.2506, 18.8674,
33.1990

240.7404,
245.7158, 331.2050

■ 11.9566, 11.5745,
22.0066

■ 41.6707, 41.5099,
65.8057

■ 6.7861, 6.4547,
13.6634

■ 57.5275, 57.6283,
88.0570

■ 3.3738, 3.1235,
7.7508

■ 76.9693, 77.4574,
114.8317

■ 1.3544, 1.1965,
3.8505

■ 100.3615,
101.3814, 146.5484

■ 0.2234, 0.0589,
1.5437

128.0693,
129.7849, 183.6255

■ 0.0000, 0.0000,
0.2501

160.4581,

■ 0.0000, 0.0000,

163.0522, 226.4816

0.0000

197.8934,
201.5677, 275.5352

■ 19.2506, 18.8674,
33.1990

■ 19.2506, 18.8674,
33.1990

■ 15.8997, 14.8928,
32.6088

■ 23.1798, 23.4970,
33.8858

■ 13.0980, 11.5415,
32.1096

■ 27.7111, 28.8071,
34.6720

■ 10.8166, 8.7824,
31.6972

■ 32.8688, 34.8244,
35.5616

■ 9.0232, 6.5808,
31.3668

■ 38.6758, 41.5736,
36.5582

■ 7.6818, 4.8984,
31.1128

■ 45.1535, 49.0783,
37.6654

■ 6.7514, 3.6921,
30.9290

■ 52.3223, 57.3608,
38.8862

■ 6.1783, 2.9089,
30.8080

■ 60.2021, 66.4428,
40.2239

■ 6.0094, 2.6863,
30.7739

■ 68.8116, 76.3448,
41.6814

■ 78.1690, 87.0867,
43.2616

Harmonies

Analogous

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



17.1908, 18.8674, 33.7667



19.2506, 18.8674, 33.1990



21.0823, 18.8674, 28.8900

Triad

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



19.2506, 18.8674, 33.1990



20.6497, 18.8674, 13.1337



14.3287, 18.8674, 18.4626

Complementary

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



19.2506, 18.8674, 33.1990



27.2702, 29.8977, 20.2537

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.



15.1139, 18.8674, 13.9825



19.2506, 18.8674, 33.1990



18.6960, 18.8674, 11.3206

Square

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



19.2506, 18.8674, 33.1990



21.9317, 18.8674, 17.0744



16.6767, 18.8674, 11.5983



14.4523, 18.8674, 24.4531

Rectangle

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



19.2506, 18.8674, 33.1990



21.8786, 18.8674, 24.8659



16.6767, 18.8674, 11.5983



14.4926, 18.8674, 16.7533

Sweetspot

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



19.2512, 18.8682, 33.1994



48.4428, 50.1119, 62.6556



23.9469, 28.8696, 32.8841



10.6905, 11.0215, 14.1343



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.2512, 18.8682, 33.1994



31.4064, 30.0537, 59.6819



20.9545, 19.0615, 33.1470



5.9317, 6.1208, 7.7978



4.9095, 2.2157, 25.0766



0.0849, 0.0561, 0.3787

Inverse Universe

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



22.6143, 20.2132, 19.8500



38.5712, 32.9973, 31.2243



25.1852, 29.7868, 20.3422



6.2327, 6.2322, 6.6053



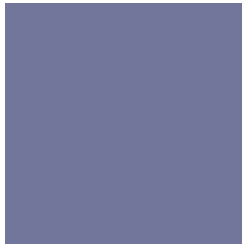
10.9369, 5.6290, 0.9265



0.1693, 0.0865, 0.0444

Previews

White Background



This preview shows how the XYZ color 19.2506, 18.8674, 33.1990 looks on a white background.

Color Contrast Check

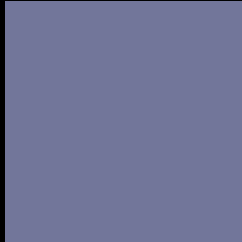
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.2506, 18.8674, 33.1990 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 19.2506, 18.8674, 33.1990

Background



This preview shows how black text looks on a background with the XYZ color 19.2506, 18.8674, 33.1990.



This preview shows how white text looks on a background with the XYZ color 19.2506, 18.8674,

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

19.2506, 18.8674, 33.1990

Protanopia

19.0688, 18.9397, 33.6610

Deuteranopia

19.2506, 18.8674, 33.1990



Tritanopia

17.5548, 18.9000, 24.5526

Trichromacy



Original Color

19.2506, 18.8674, 33.1990

Protanomaly

19.1953, 19.0050, 33.6670

Deuteranomaly

19.2506, 18.8674, 33.1990

Tritanomaly

18.1265, 18.9477, 27.5128

Monochromacy



Original Color

19.2506, 18.8674, 33.1990

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4213, 18.9779, 24.8825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2506, 18.8674, 33.1990 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(114, 118, 154)` looks like.

```
.text, #text, p{  
    color:rgb(114, 118, 154)  
}
```

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(114, 118, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 118, 154) }
```

Border

The CSS property to change the border of an element to XYZ 19.2506, 18.8674, 33.1990 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(114, 118, 154) }
```


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

```
.border{ border-color:rgb(114, 118, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 118, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 118, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 118, 154);  
box-shadow:4px 4px 4px 4px rgb(114, 118,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2506, 18.8674, 33.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 118, 154) }
```

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

```
.background{ background-color: rgb(114,  
118, 154) }
```

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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