

Converting Colors

XYZ(19.2268, 18.1496, 47.6180)

Have a look what the booklet for
XYZ(19.2268, 18.1496, 47.6180)
contains.

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Color

**XYZ(19.3108, 18.2268,
47.8477)**

Conversions

Conversions Part 1

Format	Color
Hex	5C74B8
RGB	92, 116, 184
RGB Percent	36%, 45%, 72%
CMY	0.6392, 0.5451, 0.2784
CMYK	0.50, 0.37, 0.00, 0.28
HSL	224°, 39%, 54%
HSV	224°, 50%, 72%
XYZ	19.3108, 18.2268, 47.8477
YIQ	116.5760, -36.1320, 16.0600

Conversions

Conversions Part 2

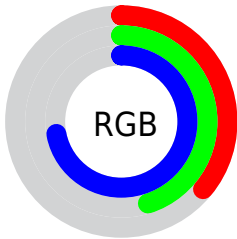
Format	Color
R _Y B	92, 111, 184
Decimal	6059192
CIE Lab	49.77, 10.45, -38.66
CIE LCh	50, 40.044, 285.123
Yxy	18.2268, 0.2262, 0.2135
Android (android.graphics.Color)	4284249272 (0xFF5C74B8)
YUV	116.5760, 33.2400, -21.5532
Hunter-Lab	42.6929, 6.0265, -36.5638

Details

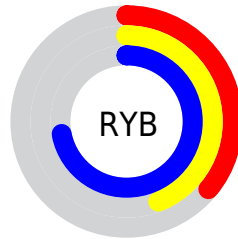
The XYZ color **19.3108, 18.2268, 47.8477** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **34.2707, 36.1061, 15.2892**, and the grayscale version is **16.6869, 17.5559, 19.1184**.

A 20% lighter version of the original color is **41.7634, 40.4996, 88.0541**, and **6.7561, 6.0860, 21.9377** is the 20% darker color. If you saturate the color by 10%, you get **16.2364, 14.4827, 47.2874**, and if you desaturate by 10%, it is **23.0625, 22.6614, 48.5063**.

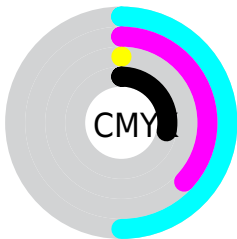
Distribution



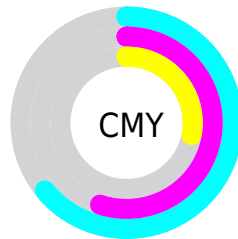
- Red (36%)
- Green (45%)
- Blue (72%)



- Red (36%)
- Yellow (44%)
- Blue (72%)



- Cyan (50%)
- Magenta (37%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (55%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3108, 18.2268, 47.8477 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 19.3108, 18.2268, 47.8477 by changing the saturation by 10% instead.

■ 19.3108, 18.2268,
47.8477

■ 19.3108, 18.2268,
47.8477

241.0645,
242.1463, 394.6794

■ 12.0004, 11.1129,
33.3472

■ 41.7714, 40.4234,
88.3408

■ 6.8162, 6.1429,
22.1192

■ 57.6524, 56.2749,
115.1704

■ 3.3927, 2.9321,
13.7454

■ 77.1209, 75.8078,
146.9468

■ 1.3647, 1.0964,
7.8071

■ 100.5424, 99.4065,
184.0885

■ 0.2308, 0.0000,
3.8857

128.2821,
127.4552, 227.0141

■ 0.0000, 0.0000,
1.5629

160.7055,

■ 0.0000, 0.0000,

160.3385, 276.1421

0.2641

198.1778,
198.4408, 331.8910

■ 0.0000, 0.0000,
0.0000

■ 19.3108, 18.2268,
47.8477

■ 19.3108, 18.2268,
47.8477

■ 16.2364, 14.4827,
47.2874

■ 23.0625, 22.6614,
48.5063

■ 13.7944, 11.3904,
46.8192

■ 27.5283, 27.8184,
49.2663

■ 11.9374, 8.9098,
46.4383

■ 32.7449, 33.7301,
50.1324

■ 10.6098, 6.9951,
46.1387

■ 38.7455, 40.4261,
51.1086

■ 9.7088, 5.5746,
45.9120

■ 45.5615, 47.9343,
52.1986

■ 9.7086, 5.5743,
45.9120

■ 53.2225, 56.2814,
53.4060

■ 61.7565, 65.4927,
54.7342

■ 71.1904, 75.5924,
56.1864

■ 80.5846, 86.1063,
57.7206

Harmonies

Analogous

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



15.5068, 18.2268, 47.8899



19.3108, 18.2268, 47.8477



23.0643, 18.2268, 38.6837

Triad

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



19.3108, 18.2268, 47.8477



23.0372, 18.2268, 8.3645



11.1534, 18.2268, 14.9227

Complementary

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



19.3108, 18.2268, 47.8477



34.2707, 36.1061, 15.2892

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.



12.6252, 18.2268, 8.4005



19.3108, 18.2268, 47.8477



19.2780, 18.2268, 5.6721

Square

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



19.3108, 18.2268, 47.8477



25.4213, 18.2268, 14.8504



15.4784, 18.2268, 5.6823



11.1595, 18.2268, 25.8521

Rectangle

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



19.3108, 18.2268, 47.8477



24.8740, 18.2268, 30.0691



15.4784, 18.2268, 5.6823



11.4810, 18.2268, 12.2503

Sweetspot

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



19.3115, 18.2274, 47.8481



64.3410, 66.7256, 91.6928



27.8535, 39.0763, 39.0888



13.3887, 13.8459, 19.6885



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.



19.3115, 18.2274, 47.8481



28.9366, 25.6372, 85.6280



19.3501, 14.6578, 47.1571



8.7065, 9.0903, 11.3752



6.7410, 3.9417, 31.6586



0.2896, 0.2429, 1.1334

Inverse Universe

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



26.7474, 19.1065, 18.8017



44.2663, 28.5211, 25.5057



34.0818, 42.7915, 16.5896



9.0982, 9.0497, 9.8646



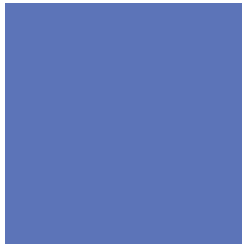
14.0162, 7.1802, 2.7063



0.5203, 0.2636, 0.2336

Previews

White Background



This preview shows how the XYZ color 19.3108, 18.2268, 47.8477 looks on a white background.

Color Contrast Check

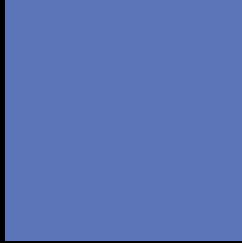
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3108, 18.2268, 47.8477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

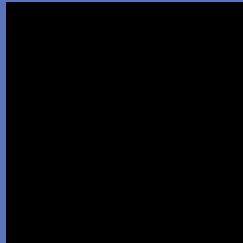
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

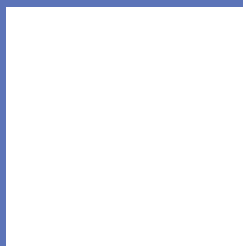
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3108, 18.2268, 47.8477

Background



This preview shows how black text looks on a background with the XYZ color 19.3108, 18.2268, 47.8477.

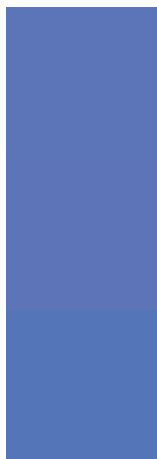


This preview shows how white text looks on a background with the XYZ color 19.3108, 18.2268,

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

19.3108, 18.2268, 47.8477

Protanopia

19.4113, 18.2786, 47.8524

Deuteranopia

18.7863, 18.3024, 47.8900



Tritanopia

14.9654, 18.2771, 26.0316

Trichromacy



Original Color

19.3108, 18.2268, 47.8477

Protanomaly

19.4113, 18.2786, 47.8524

Deuteranomaly

18.9435, 18.2095, 47.8638

Tritanomaly

16.1890, 18.0128, 32.7606

Monochromacy



Original Color

19.3108, 18.2268, 47.8477

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.3534, 17.8338, 27.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3108, 18.2268, 47.8477 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(92, 116, 184)` looks like.

```
.text, #text, p{  
    color:rgb(92, 116, 184)  
}
```

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(92, 116, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 116, 184) }
```

Border

The CSS property to change the border of an element to XYZ 19.3108, 18.2268, 47.8477 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(92, 116, 184) }
```


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

```
.border{ border-color:rgb(92, 116, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 116, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 116, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 116, 184);  
box-shadow:4px 4px 4px 4px rgb(92, 116,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3108, 18.2268, 47.8477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 116, 184) }
```

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

```
.background{ background-color: rgb(92, 116,  
184) }
```

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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