

Converting Colors

XYZ(17.9678, 17.9407, 38.8416)

Have a look what the booklet for
XYZ(17.9678, 17.9407, 38.8416)
contains.

XYZ(17.9524, 17.8923, 39.0666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9524, 17.8923,
39.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	5E75A7
RGB	94, 117, 167
RGB Percent	37%, 46%, 65%
CMY	0.6314, 0.5412, 0.3451
CMYK	0.44, 0.30, 0.00, 0.35
HSL	221°, 29%, 51%
HSV	221°, 44%, 65%
XYZ	17.9524, 17.8923, 39.0666
YIQ	115.8230, -29.7580, 10.6740

Conversions

Conversions Part 2

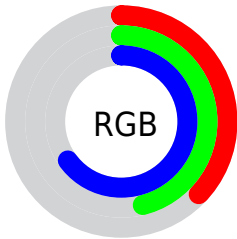
Format	Color
R _Y B	94, 111, 167
Decimal	6190503
CIE Lab	49.37, 5.13, -29.42
CIE LCh	49, 29.862, 279.896
Yxy	17.8923, 0.2396, 0.2388
Android (android.graphics.Color)	4284380583 (0xFF5E75A7)
YUV	115.8230, 25.2303, -19.1388
Hunter-Lab	42.2993, 1.7341, -25.1493

Details

The XYZ color **17.9524, 17.8923, 39.0666** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.9304, 28.9706, 14.7101**, and the grayscale version is **16.4786, 17.3368, 18.8797**.

A 20% lighter version of the original color is **39.4054, 39.8529, 74.7227**, and **6.1371, 5.9655, 17.0476** is the 20% darker color. If you saturate the color by 10%, you get **15.1694, 14.5988, 38.5779**, and if you desaturate by 10%, it is **21.2701, 21.7038, 39.6278**.

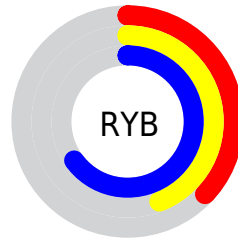
Distribution



Red (37%)

Green (46%)

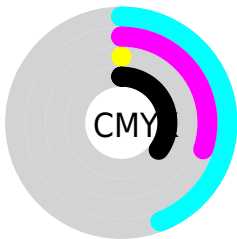
Blue (65%)



Red (37%)

Yellow (44%)

Blue (65%)

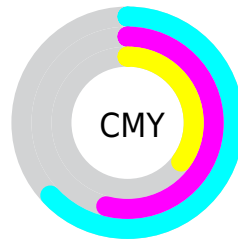


Cyan (44%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (63%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9524, 17.8923, 39.0666 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 17.9524, 17.8923, 39.0666 by changing the saturation by 10% instead.

■ 17.9524, 17.8923,
39.0666

■ 17.9524, 17.8923,
39.0666

233.6534,
240.2633, 357.6080

■ 11.0153, 10.8727,
26.5033

■ 39.4869, 39.8537,
74.9615

■ 6.1445, 5.9813,
16.9714

■ 54.8150, 55.5643,
99.1302

■ 2.9746, 2.8337,
10.0524

■ 73.6709, 74.9407,
128.0045

■ 1.1404, 1.0455,
5.3276

■ 96.4198, 98.3673,
162.0028

■ 0.0585, 0.0000,
2.3787

123.4272,
126.2284, 201.5438

■ 0.0000, 0.0000,
0.7748

155.0583,

■ 0.0000, 0.0000,

158.9086, 247.0460

0.0000

191.6786,
196.7920, 298.9278

■ 17.9524, 17.8923,
39.0666

■ 17.9524, 17.8923,
39.0666

■ 15.1694, 14.5988,
38.5779

■ 21.2701, 21.7038,
39.6278

■ 12.8891, 11.7973,
38.1574

■ 25.1480, 26.0539,
40.2630

■ 11.0790, 9.4621,
37.8020

■ 29.6124, 30.9641,
40.9755

■ 9.7016, 7.5640,
37.5082

■ 34.6872, 36.4544,
41.7677

■ 8.7126, 6.0697,
37.2719

■ 40.3949, 42.5435,
42.6422

■ 8.2308, 5.3015,
37.1490

■ 46.7570, 49.2494,
43.6013

■ 53.7937, 56.5893,
44.6472

■ 61.5245, 64.5796,
45.7820

■ 69.9681, 73.2363,
47.0079

Harmonies

Analogous

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



15.2143, 17.8923, 37.9433



17.9524, 17.8923, 39.0666



20.7155, 17.8923, 33.9422

Triad

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



17.9524, 17.8923, 39.0666



21.5013, 17.8923, 11.1413



12.4168, 17.8923, 14.6286

Complementary

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



17.9524, 17.8923, 39.0666



27.9304, 28.9706, 14.7101

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.



13.7683, 17.8923, 9.8519



17.9524, 17.8923, 39.0666



18.9333, 17.8923, 8.2574

Square

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



17.9524, 17.8923, 39.0666



22.9086, 17.8923, 16.9396



16.0936, 17.8923, 7.8614



12.2160, 17.8923, 22.2661

Rectangle

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



17.9524, 17.8923, 39.0666



22.1262, 17.8923, 28.3275



16.0936, 17.8923, 7.8614



12.7439, 17.8923, 12.7006

Sweetspot

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



17.9530, 17.8930, 39.0670



53.4409, 55.8983, 73.4481



23.4604, 32.0276, 31.2848



11.5532, 12.0659, 16.3722



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.9530, 17.8930, 39.0670



27.5181, 26.5676, 69.1530



17.0879, 13.9457, 38.3507



7.3175, 7.6720, 9.5135



6.3379, 4.1361, 28.4398



0.1996, 0.1915, 0.7071

Inverse Universe

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



23.1505, 17.5059, 18.9891



38.1960, 26.5024, 27.7403



29.0931, 35.2785, 15.8663



7.6249, 7.5798, 8.3417



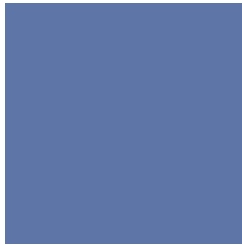
12.6997, 6.4886, 3.2302



0.3319, 0.1670, 0.1993

Previews

White Background



This preview shows how the XYZ color 17.9524, 17.8923, 39.0666 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 17.9524, 17.8923, 39.0666 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

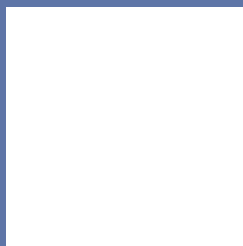
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9524, 17.8923, 39.0666

Background



This preview shows how black text looks on a background with the XYZ color 17.9524, 17.8923, 39.0666.

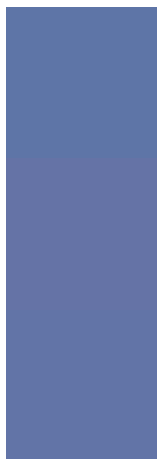


This preview shows how white text looks on a background with the XYZ color 17.9524, 17.8923,

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

17.9524, 17.8923, 39.0666

Protanopia

18.3805, 17.7813, 38.5398

Deuteranopia

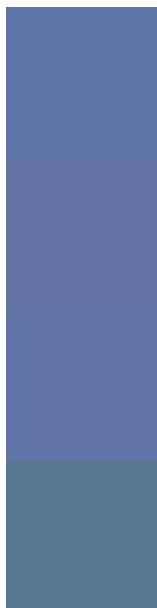
18.2574, 17.8775, 39.0476



Tritanopia

15.0629, 17.7907, 24.8303

Trichromacy



Original Color

17.9524, 17.8923, 39.0666

Protanomaly

18.1653, 17.8406, 38.5626

Deuteranomaly

18.1502, 17.8222, 39.0426

Tritanomaly

15.9727, 17.7938, 29.3808

Monochromacy



Original Color

17.9524, 17.8923, 39.0666

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.8029, 17.4282, 25.4000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9524, 17.8923, 39.0666 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(94, 117, 167)` looks like.

```
.text, #text, p{  
    color:rgb(94, 117, 167)  
}
```

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(94, 117, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 167) }
```

Border

The CSS property to change the border of an element to XYZ 17.9524, 17.8923, 39.0666 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(94, 117, 167) }
```


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

```
.border{ border-color:rgb(94, 117, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 117, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 167);  
box-shadow:4px 4px 4px 4px rgb(94, 117,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9524, 17.8923, 39.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 167) }
```

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

```
.background{ background-color: rgb(94, 117,  
167) }
```

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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