

Converting Colors

XYZ(17.2422, 16.0900, 43.7919)

Have a look what the booklet for
XYZ(17.2422, 16.0900, 43.7919)
contains.

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Color

**XYZ(17.2422, 16.0900,
43.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	566DB1
RGB	86, 109, 177
RGB Percent	34%, 43%, 69%
CMY	0.6627, 0.5725, 0.3059
CMYK	0.51, 0.38, 0.00, 0.31
HSL	225°, 37%, 52%
HSV	225°, 51%, 69%
XYZ	17.2422, 16.0900, 43.7919
YIQ	109.8750, -35.5360, 16.2720

Conversions

Conversions Part 2

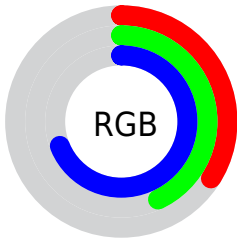
Format	Color
R_{YB}	86, 104, 177
Decimal	5664177
CIE _{Lab}	47.09, 11.09, -38.85
CIE _{LCh}	47, 40.403, 285.938
Yxy	16.0900, 0.2236, 0.2086
Android (android.graphics.Color)	4283854257 (0xFF566DB1)
YUV	109.8750, 33.0926, -20.9384
Hunter-Lab	40.1123, 6.5312, -36.6501

Details

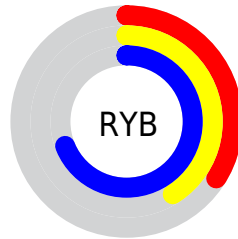
The XYZ color **17.2422, 16.0900, 43.7919** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **31.3677, 33.1316, 13.5468**, and the grayscale version is **14.7013, 15.4669, 16.8434**.

A 20% lighter version of the original color is **38.2633, 36.6875, 82.1555**, and **5.8127, 5.1335, 19.7533** is the 20% darker color. If you saturate the color by 10%, you get **14.5034, 12.7389, 43.2898**, and if you desaturate by 10%, it is **20.5981, 20.0749, 44.3845**.

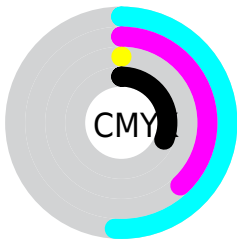
Distribution



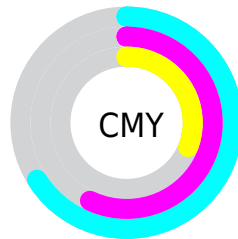
- Red (34%)
- Green (43%)
- Blue (69%)



- Red (34%)
- Yellow (41%)
- Blue (69%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2422, 16.0900, 43.7919 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 17.2422, 16.0900, 43.7919 by changing the saturation by 10% instead.

■ 17.2422, 16.0900,
43.7919

■ 17.2422, 16.0900,
43.7919

229.6934,
229.8722, 377.8749

■ 10.5037, 9.5879,
30.1709

■ 38.2820, 36.7544,
82.2036

■ 5.7990, 5.1266,
19.7152

■ 53.3141, 51.6854,
107.8315

■ 2.7627, 2.3217,
12.0062

■ 71.8413, 70.1949,
138.2988

■ 1.0296, 0.7852,
6.6253

■ 94.2292, 92.6671,
174.0240

■ 0.0000, 0.0000,
3.1540

120.8429,
119.4866, 215.4256

■ 0.0000, 0.0000,
1.1738

152.0480,

■ 0.0000, 0.0000,

151.0377, 262.9223

0.0000

188.2097,
187.7047, 316.9326

■ 17.2422, 16.0900,
43.7919

■ 17.2422, 16.0900,
43.7919

■ 14.5034, 12.7389,
43.2898

■ 20.5981, 20.0749,
44.3845

■ 12.3400, 9.9854,
42.8723

■ 24.6054, 24.7238,
45.0706

■ 10.7079, 7.7919,
42.5349

■ 29.2980, 30.0667,
45.8546

■ 9.5550, 6.1151,
42.2720

■ 34.7067, 36.1313,
46.7401

■ 8.8641, 5.0308,
42.0991

■ 40.8605, 42.9438,
47.7307

■ 47.7867, 50.5290,
48.8298

■ 55.5114, 58.9105,
50.0404

■ 64.0592, 68.1110,
51.3658

■ 73.4538, 78.1521,
52.8087

Harmonies

Analogous

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



13.6960, 16.0900, 44.0974



17.2422, 16.0900, 43.7919



20.7327, 16.0900, 34.9034

Triad

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



17.2422, 16.0900, 43.7919



20.5399, 16.0900, 6.9025



9.5882, 16.0900, 13.1914

Complementary

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



17.2422, 16.0900, 43.7919



31.3677, 33.1316, 13.5468

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.



10.8993, 16.0900, 7.1483



17.2422, 16.0900, 43.7919



17.0097, 16.0900, 4.5863

Square

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



17.2422, 16.0900, 43.7919



22.8282, 16.0900, 12.6869



13.4966, 16.0900, 4.6543



9.6306, 16.0900, 23.4451

Rectangle

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



17.2422, 16.0900, 43.7919



22.3995, 16.0900, 26.7446



13.4966, 16.0900, 4.6543



9.8753, 16.0900, 10.7046

Sweetspot

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



17.2428, 16.0906, 43.7923



58.2773, 60.3761, 83.0775



25.2883, 35.7143, 35.5831



12.1977, 12.6003, 17.9335



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



17.2428, 16.0906, 43.7923



25.2670, 21.9296, 77.3964



17.3559, 12.9711, 43.1842



8.2107, 8.5677, 10.7273



6.4644, 3.7292, 30.5161



0.2509, 0.2123, 0.9760

Inverse Universe

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



24.2201, 17.1076, 16.4939



39.4839, 25.0252, 21.5441



31.0676, 39.1613, 14.7265



8.5816, 8.5393, 9.2949



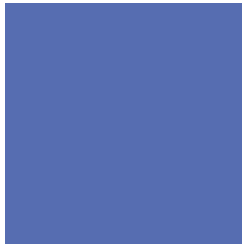
13.4976, 6.9166, 2.5143



0.4486, 0.2272, 0.2053

Previews

White Background



This preview shows how the XYZ color 17.2422, 16.0900, 43.7919 looks on a white background.

Color Contrast Check

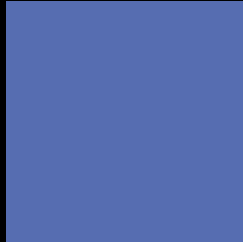
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2422, 16.0900, 43.7919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

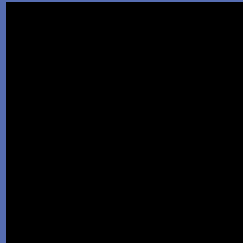
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

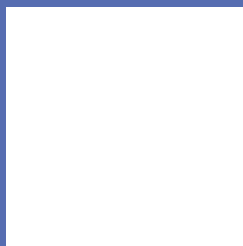
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2422, 16.0900, 43.7919

Background



This preview shows how black text looks on a background with the XYZ color 17.2422, 16.0900, 43.7919.

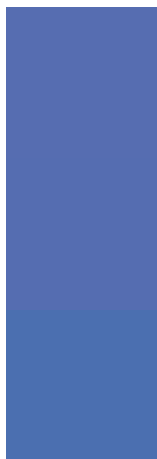


This preview shows how white text looks on a background with the XYZ color 17.2422, 16.0900,

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

17.2422, 16.0900, 43.7919

Protanopia

17.1508, 16.0429, 43.7876

Deuteranopia

16.4226, 15.9993, 43.2969



Tritanopia

13.0851, 16.0807, 23.1831

Trichromacy



Original Color

17.2422, 16.0900, 43.7919

Protanomaly

17.1508, 16.0429, 43.7876

Deuteranomaly

16.6369, 15.9487, 43.2758

Tritanomaly

14.2995, 15.8733, 29.5043

Monochromacy



Original Color

17.2422, 16.0900, 43.7919

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.2458, 15.6398, 24.7695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2422, 16.0900, 43.7919 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(86, 109, 177)` looks like.

```
.text, #text, p{  
    color:rgb(86, 109, 177)  
}
```

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(86, 109, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 109, 177) }
```

Border

The CSS property to change the border of an element to XYZ 17.2422, 16.0900, 43.7919 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(86, 109, 177) }
```


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

```
.border{ border-color:rgb(86, 109, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 109, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 109, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 109, 177);  
box-shadow:4px 4px 4px 4px rgb(86, 109,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2422, 16.0900, 43.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 109, 177) }
```

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

```
.background{ background-color: rgb(86, 109,  
177) }
```

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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