

Converting Colors

XYZ(17.1083, 15.5769, 42.6624)

Have a look what the booklet for
XYZ(17.1083, 15.5769, 42.6624)
contains.

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Color

**XYZ(17.1083, 15.5769,
42.6624)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6AAF
RGB	90, 106, 175
RGB Percent	35%, 42%, 69%
CMY	0.6470, 0.5843, 0.3137
CMYK	0.49, 0.39, 0.00, 0.31
HSL	229°, 35%, 52%
HSV	229°, 49%, 69%
XYZ	17.1083, 15.5769, 42.6624
YIQ	109.0820, -31.6850, 18.0670

Conversions

Conversions Part 2

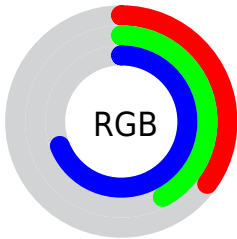
Format	Color
R_{YB}	90, 103, 175
Decimal	5925551
CIE _{Lab}	46.41, 13.28, -38.74
CIE _{LCh}	46, 40.952, 288.925
Yxy	15.5769, 0.2271, 0.2067
Android (android.graphics.Color)	4284115631 (0xFF5A6AAF)
YUV	109.0820, 32.4976, -16.7349
Hunter-Lab	39.4676, 8.3074, -36.4621

Details

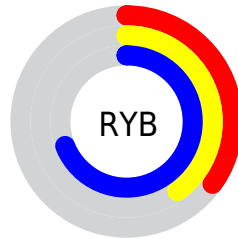
The XYZ color **17.1083, 15.5769, 42.6624** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **31.9234, 34.6491, 14.6789**, and the grayscale version is **14.4767, 15.2307, 16.5862**.

A 20% lighter version of the original color is **37.9824, 35.8128, 80.5120**, and **5.7365, 4.8732, 19.0506** is the 20% darker color. If you saturate the color by 10%, you get **14.2576, 12.1113, 42.1440**, and if you desaturate by 10%, it is **20.6035, 19.7353, 43.2811**.

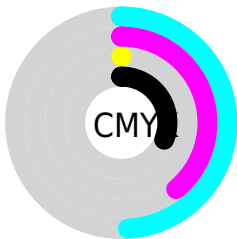
Distribution



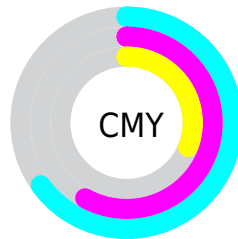
- Red (35%)
- Green (42%)
- Blue (69%)



- Red (35%)
- Yellow (40%)
- Blue (69%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1083, 15.5769, 42.6624 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 17.1083, 15.5769, 42.6624 by changing the saturation by 10% instead.

■ 17.1083, 15.5769,
42.6624

■ 17.1083, 15.5769,
42.6624

228.9398,
226.8320, 373.1019

■ 10.4075, 9.2253,
29.2909

■ 38.0540, 35.8621,
80.4820

■ 5.7343, 4.8884,
19.0535

■ 53.0296, 50.5645,
105.7672

■ 2.7233, 2.1819,
11.5317

■ 71.4943, 68.8192,
135.8608

■ 1.0092, 0.7101,
6.3070

■ 93.8133, 91.0106,
171.1811

■ 0.0000, 0.0000,
2.9609

120.3519,
117.5233, 212.1469

■ 0.0000, 0.0000,
1.0747

151.4757,

■ 0.0000, 0.0000,

148.7414, 259.1766

0.0000

187.5499,
185.0495, 312.6887

■ 17.1083, 15.5769,
42.6624

■ 17.1083, 15.5769,
42.6624

■ 14.2576, 12.1113,
42.1440

■ 20.6035, 19.7353,
43.2811

■ 12.0090, 9.2981,
41.7196

■ 24.7783, 24.6203,
44.0040

■ 10.3179, 7.0955,
41.3835

■ 29.6672, 30.2654,
44.8360

■ 9.1322, 5.4554,
41.1295

■ 35.3021, 36.7018,
45.7813

■ 8.3695, 4.3117,
40.9489

■ 41.7128, 43.9585,
46.8441

■ 8.2801, 4.1796,
40.9281

■ 48.9273, 52.0633,
48.0283

■ 56.9724, 61.0427,
49.3374

■ 65.8737, 70.9218,
50.7751

■ 75.6555, 81.7249,
52.3448

Harmonies

Analogous

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



13.5442, 15.5769, 43.9441



17.1083, 15.5769, 42.6624



20.5096, 15.5769, 33.1296

Triad

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



17.1083, 15.5769, 42.6624



19.7069, 15.5769, 6.1506



9.1120, 15.5769, 13.5063

Complementary

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



17.1083, 15.5769, 42.6624



31.9234, 34.6491, 14.6789

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.



10.2710, 15.5769, 7.1540



17.1083, 15.5769, 42.6624



16.1425, 15.5769, 4.1712

Square

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



17.1083, 15.5769, 42.6624



22.1662, 15.5769, 11.4236



12.7190, 15.5769, 4.4464



9.2864, 15.5769, 24.0479

Rectangle

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



17.1083, 15.5769, 42.6624



22.0529, 15.5769, 24.9197



12.7190, 15.5769, 4.4464



9.3501, 15.5769, 10.9071

Sweetspot

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



17.1089, 15.5774, 42.6628



56.3230, 57.8607, 80.8366



25.7185, 35.3027, 37.8068



12.0721, 12.3489, 17.8916



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.



17.1089, 15.5774, 42.6628



25.3387, 21.4493, 75.4415



18.5308, 14.0870, 42.3002



7.6964, 7.9921, 10.0897



5.9642, 3.0623, 29.3212



0.2010, 0.1554, 0.8274

Inverse Universe

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



23.9374, 17.4675, 15.7461



39.1798, 25.9232, 20.7384



29.6618, 37.8353, 15.4131



8.0646, 8.0391, 8.6507



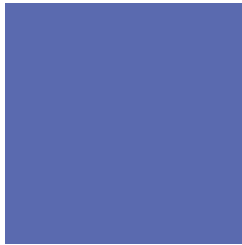
12.8741, 6.6122, 1.7165



0.3759, 0.1910, 0.1411

Previews

White Background



This preview shows how the XYZ color 17.1083, 15.5769, 42.6624 looks on a white background.

Color Contrast Check

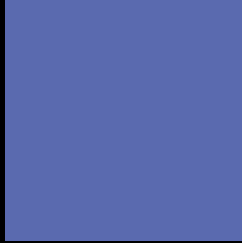
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1083, 15.5769, 42.6624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

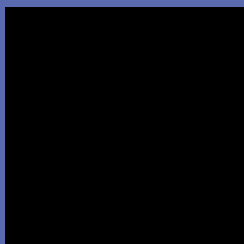
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1083, 15.5769, 42.6624

Background



This preview shows how black text looks on a background with the XYZ color 17.1083, 15.5769, 42.6624.



This preview shows how white text looks on a background with the XYZ color 17.1083, 15.5769,

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

17.1083, 15.5769, 42.6624

Protanopia

16.6614, 15.4890, 43.1858

Deuteranopia

16.0400, 15.6637, 42.2224



Tritanopia

12.9129, 15.4930, 22.0485

Trichromacy



Original Color

17.1083, 15.5769, 42.6624

Protanomaly

16.9319, 15.6284, 43.1985

Deuteranomaly

16.4169, 15.6987, 42.2093

Tritanomaly

14.1365, 15.3074, 28.5951

Monochromacy



Original Color

17.1083, 15.5769, 42.6624

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.0757, 15.2434, 24.3380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1083, 15.5769, 42.6624 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(90, 106, 175)` looks like.

```
.text, #text, p{  
    color:rgb(90, 106, 175)  
}
```

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(90, 106, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 106, 175) }
```

Border

The CSS property to change the border of an element to XYZ 17.1083, 15.5769, 42.6624 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(90, 106, 175) }
```


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

```
.border{ border-color:rgb(90, 106, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 106, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 106, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 106, 175);  
box-shadow:4px 4px 4px 4px rgb(90, 106,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1083, 15.5769, 42.6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 106, 175) }
```

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

```
.background{ background-color: rgb(90, 106,  
175) }
```

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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