

Converting Colors

XYZ(17.4230, 16.2174, 42.2564)

Have a look what the booklet for
XYZ(17.4230, 16.2174, 42.2564)
contains.

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Color

**XYZ(17.4230, 16.2174,
42.2564)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6DAE
RGB	91, 109, 174
RGB Percent	36%, 43%, 68%
CMY	0.6431, 0.5725, 0.3176
CMYK	0.48, 0.37, 0.00, 0.32
HSL	227°, 34%, 52%
HSV	227°, 48%, 68%
XYZ	17.4230, 16.2174, 42.2564
YIQ	111.0280, -31.5930, 16.3990

Conversions

Conversions Part 2

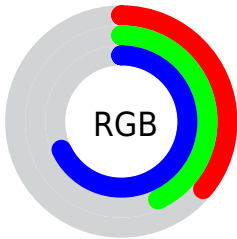
Format	Color
R _Y B	91, 106, 174
Decimal	5991854
CIE Lab	47.26, 11.36, -36.82
CIE LCh	47, 38.532, 287.154
Yxy	16.2174, 0.2296, 0.2137
Android (android.graphics.Color)	4284181934 (0xFF5B6DAE)
YUV	111.0280, 31.0452, -17.5646
Hunter-Lab	40.2708, 6.7533, -34.0237

Details

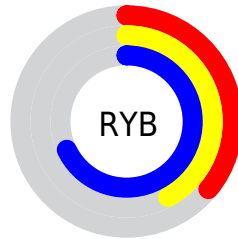
The XYZ color **17.4230, 16.2174, 42.2564** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **31.2331, 33.5320, 14.7245**, and the grayscale version is **15.0374, 15.8206, 17.2286**.

A 20% lighter version of the original color is **38.5308, 36.8745, 79.9496**, and **5.8670, 5.1830, 18.7804** is the 20% darker color. If you saturate the color by 10%, you get **14.5597, 12.7483, 41.7380**, and if you desaturate by 10%, it is **20.9106, 20.3435, 42.8693**.

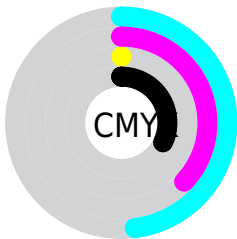
Distribution



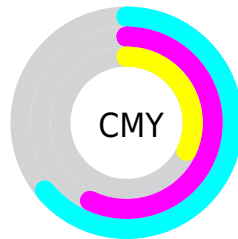
- Red (36%)
- Green (43%)
- Blue (68%)



- Red (36%)
- Yellow (42%)
- Blue (68%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (32%)



- Cyan (64%)
- Magenta (57%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4230, 16.2174, 42.2564 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 17.4230, 16.2174, 42.2564 by changing the saturation by 10% instead.

■ 17.4230, 16.2174,
42.2564

■ 17.4230, 16.2174,
42.2564

230.7074,
230.6212, 371.3757

■ 10.6337, 9.6781,
28.9750

■ 38.5895, 36.9752,
79.8618

■ 5.8866, 5.1861,
18.8165

■ 53.6974, 51.9625,
105.0229

■ 2.8162, 2.3568,
11.3623

■ 72.3089, 70.5347,
134.9811

■ 1.0573, 0.8036,
6.1939

■ 94.7893, 93.0760,
170.1547

■ 0.0000, 0.0000,
2.8926

121.5040,
119.9709, 210.9625

■ 0.0000, 0.0000,
1.0401

152.8183,

■ 0.0000, 0.0000,

151.6038, 257.8229

0.0000

189.0977,
188.3591, 311.1544

■ 17.4230, 16.2174,
42.2564

■ 17.4230, 16.2174,
42.2564

■ 14.5597, 12.7483,
41.7380

■ 20.9106, 20.3435,
42.8693

■ 12.2807, 9.8993,
41.3082

■ 25.0555, 25.1571,
43.5800

■ 10.5438, 7.6324,
40.9622

■ 29.8906, 30.6890,
44.3929

■ 9.3002, 5.9045,
40.6942

■ 35.4461, 36.9675,
45.3120

■ 8.4785, 4.6586,
40.4971

■ 41.7501, 44.0195,
46.3409

■ 8.3246, 4.4252,
40.4601

■ 48.8294, 51.8703,
47.4831

■ 56.7095, 60.5441,
48.7420

■ 65.4145, 70.0642,
50.1208

■ 74.9676, 80.4529,
51.6225

Harmonies

Analogous

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



14.0065, 16.2174, 42.9113



17.4230, 16.2174, 42.2564



20.7189, 16.2174, 33.6871

Triad

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



17.4230, 16.2174, 42.2564



20.2987, 16.2174, 7.1837



9.8804, 16.2174, 13.8154

Complementary

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



17.4230, 16.2174, 42.2564



31.2331, 33.5320, 14.7245

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.



11.1022, 16.2174, 7.7439



17.4230, 16.2174, 42.2564



16.9131, 16.2174, 4.9747

Square

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



17.4230, 16.2174, 42.2564



22.5393, 16.2174, 12.6933



13.5660, 16.2174, 5.1328



9.9753, 16.2174, 23.7731

Rectangle

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



17.4230, 16.2174, 42.2564



22.2546, 16.2174, 25.9664



13.5660, 16.2174, 5.1328



10.1422, 16.2174, 11.3429

Sweetspot

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



17.4236, 16.2180, 42.2568



57.5459, 59.4415, 81.0772



25.3367, 34.8510, 36.2413



12.3314, 12.6915, 17.9441



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.



17.4236, 16.2180, 42.2568



26.2659, 22.9471, 75.6817



18.2091, 14.0586, 41.7986



7.7145, 8.0284, 10.0957



6.0748, 3.2835, 29.3581



0.2082, 0.1697, 0.8298

Inverse Universe

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



23.9575, 17.5857, 16.6001



39.7348, 26.4784, 22.6338



29.9489, 37.6904, 15.5949



8.0737, 8.0427, 8.6989



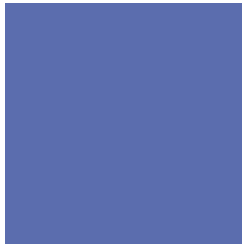
12.9299, 6.6345, 2.0106



0.3795, 0.1925, 0.1601

Previews

White Background



This preview shows how the XYZ color 17.4230, 16.2174, 42.2564 looks on a white background.

Color Contrast Check

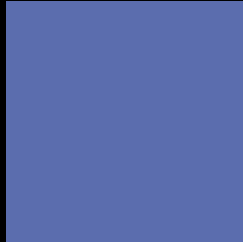
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4230, 16.2174, 42.2564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

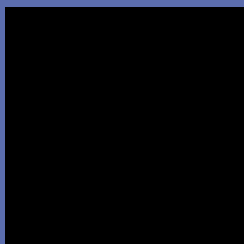
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

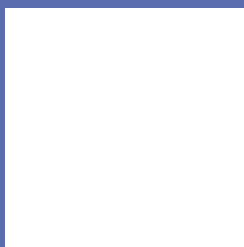
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4230, 16.2174, 42.2564

Background



This preview shows how black text looks on a background with the XYZ color 17.4230, 16.2174, 42.2564.

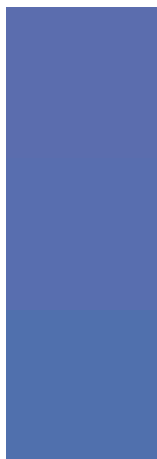


This preview shows how white text looks on a background with the XYZ color 17.4230, 16.2174,

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

17.4230, 16.2174, 42.2564

Protanopia

17.3383, 16.3217, 42.7940

Deuteranopia

16.6453, 16.3109, 41.8062



Tritanopia

13.5537, 16.3299, 22.8597

Trichromacy



Original Color

17.4230, 16.2174, 42.2564

Protanomaly

17.4336, 16.3709, 42.7985

Deuteranomaly

16.8834, 16.2708, 41.7859

Tritanomaly

14.7212, 16.0996, 29.1197

Monochromacy



Original Color

17.4230, 16.2174, 42.2564

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.5879, 15.8161, 24.7855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4230, 16.2174, 42.2564 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(91, 109, 174)` looks like.

```
.text, #text, p{  
    color:rgb(91, 109, 174)  
}
```

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(91, 109, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 109, 174) }
```

Border

The CSS property to change the border of an element to XYZ 17.4230, 16.2174, 42.2564 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(91, 109, 174) }
```


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

```
.border{ border-color:rgb(91, 109, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 109, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 109, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 109, 174);  
box-shadow:4px 4px 4px 4px rgb(91, 109,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4230, 16.2174, 42.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 109, 174) }
```

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

```
.background{ background-color: rgb(91, 109,  
174) }
```

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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