

Converting Colors

XYZ(16.2818, 16.2950, 24.8517)

Have a look what the booklet for
XYZ(16.2818, 16.2950, 24.8517)
contains.

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Color

**XYZ(16.2942, 16.3413,
24.8497)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6F86
RGB	109, 111, 134
RGB Percent	43%, 44%, 53%
CMY	0.5725, 0.5647, 0.4745
CMYK	0.19, 0.17, 0.00, 0.47
HSL	235°, 10%, 48%
HSV	235°, 19%, 53%
XYZ	16.2942, 16.3413, 24.8497
YIQ	113.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

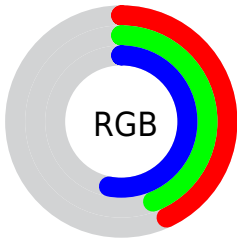
Format	Color
R _Y B	109, 111, 134
Decimal	7171974
CIE Lab	47.42, 4.40, -12.88
CIE LCh	47, 13.610, 288.865
Yxy	16.3413, 0.2835, 0.2843
Android (android.graphics.Color)	4285362054 (0xFF6D6F86)
YUV	113.0240, 10.3412, -3.5290
Hunter-Lab	40.4244, 1.2069, -8.1497

Details

The XYZ color **16.2942, 16.3413, 24.8497** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8433, 22.6751, 17.7466**, and the grayscale version is **15.6757, 16.4920, 17.9598**.

A 20% lighter version of the original color is **36.7648, 37.3593, 52.2871**, and **5.3022, 5.1872, 9.1093** is the 20% darker color. If you saturate the color by 10%, you get **13.5163, 13.0487, 24.3608**, and if you desaturate by 10%, it is **19.5101, 20.1361, 25.4129**.

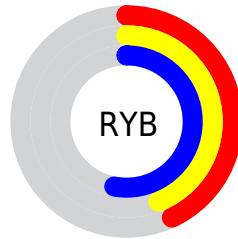
Distribution



Red (43%)

Green (44%)

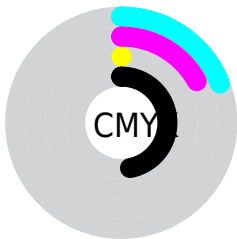
Blue (53%)



Red (43%)

Yellow (44%)

Blue (53%)

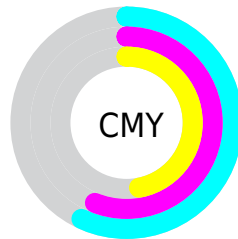


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2942, 16.3413, 24.8497 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 16.2942, 16.3413, 24.8497 by changing the saturation by 10% instead.

■ 16.2942, 16.3413,
24.8497

■ 16.2942, 16.3413,
24.8497

224.3079,
231.3473, 290.5123

■ 9.8247, 9.7660,
15.7471

■ 36.6615, 37.1897,
52.3744

■ 5.3443, 5.2441,
9.1930

■ 51.2901, 52.2316,
71.6336

■ 2.4875, 2.3912,
4.7687

■ 69.3691, 70.8645,
95.1153

■ 0.8889, 0.8213,
2.0559

■ 91.2639, 93.4727,
123.2383

■ 0.0000, 0.0000,
0.5893

117.3398,
120.4407, 156.4209

■ 0.0000, 0.0000,
0.0000

147.9622,

152.1529, 195.0817

183.4965,
188.9936, 239.6394

■ 16.2942, 16.3413,
24.8497

■ 16.2942, 16.3413,
24.8497

■ 13.5163, 13.0487,
24.3608

■ 19.5101, 20.1361,
25.4129

■ 11.1559, 10.2353,
23.9422

■ 23.1803, 24.4509,
26.0523

■ 9.1934, 7.8794,
23.5909

■ 27.3220, 29.3050,
26.7710

■ 7.6067, 5.9567,
23.3034

■ 31.9511, 34.7160,
27.5714

■ 6.3716, 4.4408,
23.0759

■ 37.0828, 40.7010,
28.4562

■ 5.4613, 3.3021,
22.9041

■ 42.7315, 47.2761,
29.4276

■ 4.8449, 2.5074,
22.7832

■ 48.9113, 54.4568,
30.4879

■ 4.4618, 2.0052,
22.7064

■ 55.6355, 62.2583,
31.6393

■ 4.4197, 1.9543,
22.6989

■ 62.9170, 70.6949,
32.8840

Harmonies

Analogous

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



15.0882, 16.3413, 25.1405



16.2942, 16.3413, 24.8497



17.3456, 16.3413, 22.5312

Triad

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



16.2942, 16.3413, 24.8497



17.1086, 16.3413, 13.2432



13.3650, 16.3413, 16.5404

Complementary

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



16.2942, 16.3413, 24.8497



20.8433, 22.6751, 17.7466

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.



13.8493, 16.3413, 13.7703



16.2942, 16.3413, 24.8497



15.9842, 16.3413, 12.0376

Square

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



16.2942, 16.3413, 24.8497



17.8323, 16.3413, 15.7298



14.7938, 16.3413, 12.2172



13.4384, 16.3413, 20.0289

Rectangle

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



16.2942, 16.3413, 24.8497



17.7978, 16.3413, 20.2976



14.7938, 16.3413, 12.2172



13.4670, 16.3413, 15.5032

Sweetspot

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



16.2947, 16.3420, 24.8501



35.9299, 37.3084, 45.0459



18.9913, 21.9654, 25.0390



8.0210, 8.3185, 10.1356



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.2947, 16.3420, 24.8501



26.7462, 26.4691, 43.4378



17.4372, 16.6104, 24.8417



4.4622, 4.6001, 5.8535



4.1456, 1.8390, 21.2732



0.0162, 0.0100, 0.0743

Inverse Universe

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



18.1698, 17.1538, 17.3930



30.6309, 28.1721, 27.9841



19.5379, 22.4088, 17.7640



4.6866, 4.6943, 4.9619



9.2706, 4.7726, 0.7315



0.0330, 0.0169, 0.0074

Previews

White Background



This preview shows how the XYZ color 16.2942, 16.3413, 24.8497 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 16.2942, 16.3413, 24.8497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

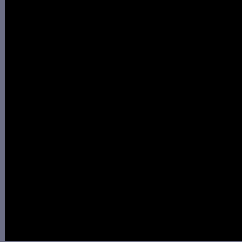
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2942, 16.3413, 24.8497

Background



This preview shows how black text looks on a background with the XYZ color 16.2942, 16.3413, 24.8497.



This preview shows how white text looks on a background with the XYZ color 16.2942, 16.3413,

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

16.2942, 16.3413, 24.8497

Protanopia

16.1719, 16.2783, 24.8439

Deuteranopia

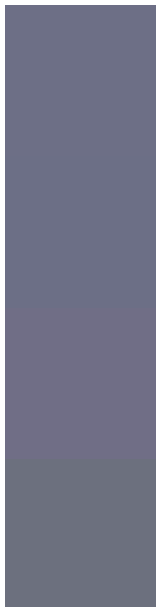
16.6891, 16.3838, 24.8370



Tritanopia

15.4814, 16.3412, 20.7506

Trichromacy



Original Color

16.2942, 16.3413, 24.8497

Protanomaly

16.1719, 16.2783, 24.8439

Deuteranomaly

16.5611, 16.3178, 24.8310

Tritanomaly

15.7444, 16.2828, 22.0517

Monochromacy



Original Color

16.2942, 16.3413, 24.8497

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9275, 16.4136, 20.4178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2942, 16.3413, 24.8497 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(109, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(109, 111, 134)  
}
```

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(109, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 111, 134) }
```

Border

The CSS property to change the border of an element to XYZ 16.2942, 16.3413, 24.8497 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(109, 111, 134) }
```


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

```
.border{ border-color:rgb(109, 111, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(109, 111,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2942, 16.3413, 24.8497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 111, 134) }
```

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

```
.background{ background-color: rgb(109,  
111, 134) }
```

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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