

Converting Colors

XYZ(15.4336, 16.0653, 24.8082)

Have a look what the booklet for
XYZ(15.4336, 16.0653, 24.8082)
contains.

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Color

**XYZ(15.4641, 16.0763,
24.8422)**

Conversions

Conversions Part 1

Format	Color
Hex	657086
RGB	101, 112, 134
RGB Percent	40%, 44%, 53%
CMY	0.6039, 0.5608, 0.4745
CMYK	0.25, 0.16, 0.00, 0.47
HSL	220°, 14%, 46%
HSV	220°, 25%, 53%
XYZ	15.4641, 16.0763, 24.8422
YIQ	111.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

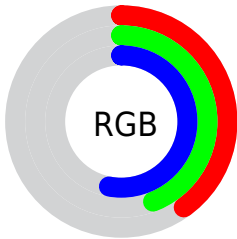
Format	Color
RYB	101, 109, 134
Decimal	6647942
CIELab	47.07, 1.09, -13.46
CIELCh	47, 13.505, 274.618
Yxy	16.0763, 0.2743, 0.2851
Android (android.graphics.Color)	4284838022 (0xFF657086)
YUV	111.2190, 11.2310, -8.9621
Hunter-Lab	40.0953, -1.3221, -8.6682

Details

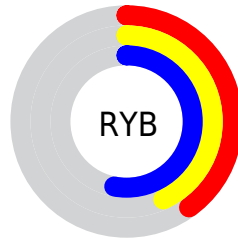
The XYZ color **15.4641, 16.0763, 24.8422** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2636, 20.1739, 15.1910**, and the grayscale version is **15.1447, 15.9334, 17.3514**.

A 20% lighter version of the original color is **35.1940, 36.8142, 52.2646**, and **4.9018, 5.0638, 9.1066** is the 20% darker color. If you saturate the color by 10%, you get **13.1472, 13.4909, 24.4656**, and if you desaturate by 10%, it is **18.1245, 18.9847, 25.2636**.

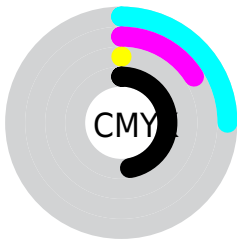
Distribution



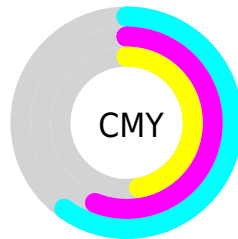
- Red (40%)
- Green (44%)
- Blue (53%)



- Red (40%)
- Yellow (43%)
- Blue (53%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4641, 16.0763, 24.8422 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 15.4641, 16.0763, 24.8422 by changing the saturation by 10% instead.

■ 15.4641, 16.0763,
24.8422

■ 15.4641, 16.0763,
24.8422

219.4915,
229.7915, 290.4736

■ 9.2342, 9.5782,
15.7416

■ 35.2303, 36.7306,
52.3621

■ 4.9526, 5.1202,
9.1891

■ 49.4973, 51.6556,
71.6184

■ 2.2539, 2.3179,
4.7662

■ 67.1741, 70.1583,
95.0970

■ 0.7709, 0.7832,
2.0544

■ 88.6260, 92.6231,
123.2165

■ 0.0000, 0.0000,
0.5885

114.2183,
119.4344, 156.3953

■ 0.0000, 0.0000,
0.0000

144.3164,

150.9767, 195.0521

179.2857,
187.6343, 239.6054

■ 15.4641, 16.0763,
24.8422

■ 15.4641, 16.0763,
24.8422

■ 13.1472, 13.4909,
24.4656

■ 18.1245, 18.9847,
25.2636

■ 11.1576, 11.2148,
24.1311

■ 21.1406, 22.2254,
25.7302

■ 9.4800, 9.2362,
23.8376

■ 24.5259, 25.8095,
26.2435

■ 8.0971, 7.5414,
23.5834

■ 28.2927, 29.7470,
26.8050

■ 6.9902, 6.1159,
23.3666

■ 32.4528, 34.0478,
27.4159

■ 6.1375, 4.9435,
23.1852

■ 37.0173, 38.7210,
28.0774

■ 5.5114, 4.0040,
23.0368

■ 41.9970, 43.7755,
28.7905

■ 5.2290, 3.5730,
22.9685

■ 47.4023, 49.2201,
29.5565

■ 53.2430, 55.0629,
30.3765

Harmonies

Analogous

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



14.3246, 16.0763, 24.0818



15.4641, 16.0763, 24.8422



16.6105, 16.0763, 23.4382

Triad

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



15.4641, 16.0763, 24.8422



17.2316, 16.0763, 14.0549



13.3138, 16.0763, 14.8552

Complementary

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



15.4641, 16.0763, 24.8422



19.2636, 20.1739, 15.1910

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.



14.0226, 16.0763, 12.6674



15.4641, 16.0763, 24.8422



16.2770, 16.0763, 12.2489

Square

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



15.4641, 16.0763, 24.8422



17.6639, 16.0763, 16.9846



15.0974, 16.0763, 11.7757



13.1209, 16.0763, 18.0347

Rectangle

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



15.4641, 16.0763, 24.8422



17.2127, 16.0763, 21.5583



15.0974, 16.0763, 11.7757



13.4977, 16.0763, 13.9934

Sweetspot

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



15.4646, 16.0769, 24.8426



35.8432, 37.6586, 45.1181



17.4331, 21.2335, 21.7389



8.0195, 8.4245, 10.1561



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.



15.4646, 16.0769, 24.8426



24.7125, 25.5098, 43.3598



14.8951, 14.0902, 24.4891



4.5520, 4.7795, 5.8834



4.9094, 3.3667, 21.5278



0.0232, 0.0240, 0.0766

Inverse Universe

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



17.4102, 15.5460, 17.4130



28.8457, 24.5532, 27.5385



19.9352, 22.6611, 15.6357



4.7319, 4.7124, 5.2004



9.6562, 4.9268, 2.7617



0.0366, 0.0183, 0.0260

Previews

White Background



This preview shows how the XYZ color 15.4641, 16.0763, 24.8422 looks on a white background.

Color Contrast Check

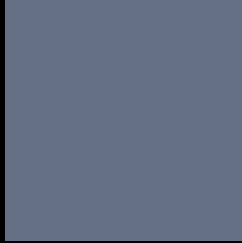
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4641, 16.0763, 24.8422 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

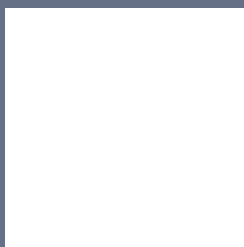
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4641, 16.0763, 24.8422

Background



This preview shows how black text looks on a background with the XYZ color 15.4641, 16.0763, 24.8422.



This preview shows how white text looks on a background with the XYZ color 15.4641, 16.0763,

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

15.4641, 16.0763, 24.8422

Protanopia

15.8730, 15.9711, 24.4364

Deuteranopia

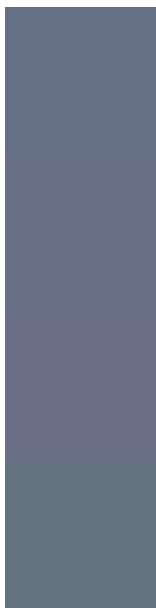
16.3974, 16.0661, 25.1585



Tritanopia

14.7381, 16.1173, 21.0731

Trichromacy



Original Color

15.4641, 16.0763, 24.8422

Protanomaly

15.7438, 16.0656, 24.4615

Deuteranomaly

16.0125, 16.0269, 25.1712

Tritanomaly

14.9914, 16.0519, 22.3869

Monochromacy



Original Color

15.4641, 16.0763, 24.8422

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0776, 15.8266, 19.7129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4641, 16.0763, 24.8422 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(101, 112, 134)` looks like.

```
.text, #text, p{  
    color:rgb(101, 112, 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(101, 112, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 112, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.4641, 16.0763, 24.8422 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(101, 112, 134) }
```


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

```
.border{ border-color:rgb(101, 112, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 112, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 112, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 112, 134);  
box-shadow:4px 4px 4px 4px rgb(101, 112,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4641, 16.0763, 24.8422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 112, 134) }
```

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

```
.background{ background-color: rgb(101,  
112, 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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