

Converting Colors

XYZ(15.0227, 16.0903, 21.3827)

Have a look what the booklet for
XYZ(15.0227, 16.0903, 21.3827)
contains.

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Color

**XYZ(15.0227, 16.0903,
21.3827)**

Conversions

Conversions Part 1

Format	Color
Hex	66717C
RGB	102, 113, 124
RGB Percent	40%, 44%, 49%
CMY	0.6000, 0.5569, 0.5137
CMYK	0.18, 0.09, 0.00, 0.51
HSL	210°, 10%, 44%
HSV	210°, 18%, 49%
XYZ	15.0227, 16.0903, 21.3827
YIQ	110.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

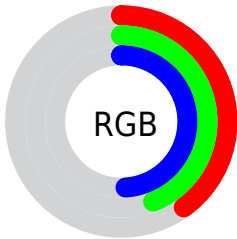
Format	Color
R_{YB}	102, 109, 124
Decimal	6713724
CIE _{Lab}	47.09, -1.61, -7.47
CIE _{LCh}	47, 7.643, 257.810
Yxy	16.0903, 0.2862, 0.3065
Android (android.graphics.Color)	4284903804 (0xFF66717C)
YUV	110.9650, 6.4263, -7.8623
Hunter-Lab	40.1127, -3.3468, -3.5265

Details

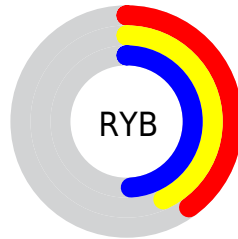
The XYZ color **15.0227, 16.0903, 21.3827** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6156, 17.0545, 14.9868**, and the grayscale version is **15.0837, 15.8693, 17.2816**.

A 20% lighter version of the original color is **34.5278, 36.8569, 46.8893**, and **4.7358, 5.1008, 7.3916** is the 20% darker color. If you saturate the color by 10%, you get **13.0531, 14.0835, 21.0994**, and if you desaturate by 10%, it is **17.2507, 18.3013, 21.6923**.

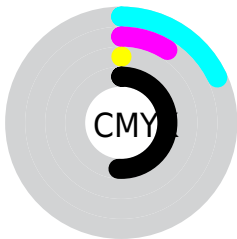
Distribution



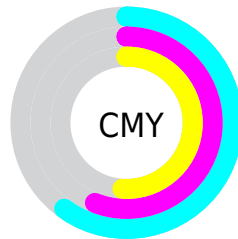
- Red (40%)
- Green (44%)
- Blue (49%)



- Red (40%)
- Yellow (43%)
- Blue (49%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0227, 16.0903, 21.3827 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 15.0227, 16.0903, 21.3827 by changing the saturation by 10% instead.

■ 15.0227, 16.0903,
21.3827

■ 15.0227, 16.0903,
21.3827

216.8892,
229.8740, 272.1529

■ 8.9217, 9.5881,
13.2101

■ 34.4643, 36.7549,
46.6126

■ 4.7469, 5.1267,
7.4409

■ 48.5357, 51.6861,
64.5070

■ 2.1327, 2.3218,
3.6568

■ 65.9946, 70.1957,
86.4790

■ 0.7069, 0.7852,
1.4390

■ 87.2064, 92.6681,
112.9472

■ 0.0000, 0.0000,
0.1719

112.5363,
119.4877, 144.3302

■ 0.0000, 0.0000,
0.0000

142.3499,

151.0390, 181.0464

177.0124,
187.7063, 223.5145

■ 15.0227, 16.0903,
21.3827

■ 15.0227, 16.0903,
21.3827

■ 13.0531, 14.0835,
21.0994

■ 17.2507, 18.3013,
21.6923

■ 11.3303, 12.2722,
20.8406

■ 19.7454, 20.7209,
22.0278

■ 9.8438, 10.6501,
20.6058

■ 22.5163, 23.3557,
22.3904

■ 8.5817, 9.2094,
20.3943

■ 25.5722, 26.2115,
22.7805

■ 7.5311, 7.9421,
20.2051

■ 28.9212, 29.2937,
23.1989

■ 6.6775, 6.8391,
20.0371

■ 32.5713, 32.6078,
23.6462

■ 6.0042, 5.8902,
19.8895

■ 36.5302, 36.1587,
24.1230

■ 5.4735, 5.0740,
19.7599

■ 40.8051, 39.9514,
24.6297

■ 5.3613, 4.9017,
19.7325

■ 45.4032, 43.9908,
25.1671

Harmonies

Analogous

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



14.4436, 16.0903, 20.4006



15.0227, 16.0903, 21.3827



15.6911, 16.0903, 21.2758

Triad

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



15.0227, 16.0903, 21.3827



16.5541, 16.0903, 16.4142



14.3577, 16.0903, 15.1547

Complementary

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



15.0227, 16.0903, 21.3827



16.6156, 17.0545, 14.9868

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.



14.9023, 16.0903, 14.2337



15.0227, 16.0903, 21.3827



16.1758, 16.0903, 14.9235

Square

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



15.0227, 16.0903, 21.3827



16.5886, 16.0903, 18.3110



15.5672, 16.0903, 14.1523



14.0673, 16.0903, 16.7514

Rectangle

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



15.0227, 16.0903, 21.3827



16.0975, 16.0903, 20.6020



15.5672, 16.0903, 14.1523



14.5164, 16.0903, 14.7611

Sweetspot

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



15.0232, 16.0910, 21.3831



31.4622, 33.2864, 38.3233



15.6474, 18.4243, 18.2466



7.3515, 7.7826, 9.0178



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.0232, 16.0910, 21.3831



25.0824, 26.9476, 37.4360



13.9053, 13.8553, 21.0104



3.9478, 4.1939, 5.0446



5.4476, 4.9777, 20.0590



25.1345, 22.0416, 95.3995

Inverse Universe

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



16.0445, 14.9804, 17.6695



27.2233, 24.7042, 29.6329



17.8725, 19.5682, 15.4057



4.0741, 4.0454, 4.5879



9.3330, 4.7094, 5.0447



44.0899, 22.2923, 21.8011

Previews

White Background



This preview shows how the XYZ color 15.0227, 16.0903, 21.3827 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 15.0227, 16.0903, 21.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

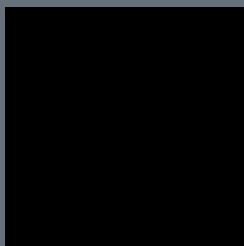
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

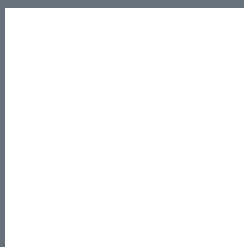
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0227, 16.0903, 21.3827

Background



This preview shows how black text looks on a background with the XYZ color 15.0227, 16.0903, 21.3827.

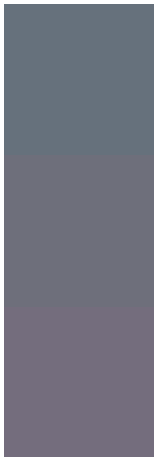


This preview shows how white text looks on a background with the XYZ color 15.0227, 16.0903,

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

15.0227, 16.0903, 21.3827

Protanopia

15.6900, 16.1139, 21.0222

Deuteranopia

16.3728, 16.1310, 21.6527



Tritanopia

14.8975, 16.0402, 20.7232

Trichromacy



Original Color

15.0227, 16.0903, 21.3827

Protanomaly

15.4327, 16.1442, 21.0416

Deuteranomaly

15.8331, 16.0120, 21.6582

Tritanomaly

14.9598, 16.0651, 21.0513

Monochromacy



Original Color

15.0227, 16.0903, 21.3827

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1309, 16.0374, 18.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0227, 16.0903, 21.3827 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(102, 113, 124)` looks like.

```
.text, #text, p{  
    color:rgb(102, 113, 124)  
}
```

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(102, 113, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 113, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.0227, 16.0903, 21.3827 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(102, 113, 124) }
```


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

```
.border{ border-color:rgb(102, 113, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 113, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 113, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 113, 124);  
box-shadow:4px 4px 4px 4px rgb(102, 113,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0227, 16.0903, 21.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 113, 124) }
```

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

```
.background{ background-color: rgb(102,  
113, 124) }
```

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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