

Converting Colors

XYZ(15.1475, 16.1016, 23.7823)

Have a look what the booklet for
XYZ(15.1475, 16.1016, 23.7823)
contains.

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Color

**XYZ(15.1475, 16.1016,
23.7823)**

Conversions

Conversions Part 1

Format	Color
Hex	637183
RGB	99, 113, 131
RGB Percent	39%, 44%, 51%
CMY	0.6118, 0.5569, 0.4863
CMYK	0.24, 0.14, 0.00, 0.49
HSL	214°, 14%, 45%
HSV	214°, 24%, 51%
XYZ	15.1475, 16.1016, 23.7823
YIQ	110.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

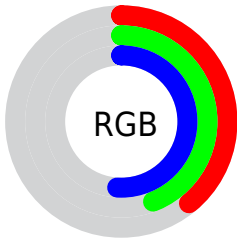
Format	Color
R_{YB}	99, 109, 131
Decimal	6517123
CIE _{Lab}	47.11, -0.93, -11.64
CIE _{LCh}	47, 11.678, 265.428
Yxy	16.1016, 0.2753, 0.2926
Android (android.graphics.Color)	4284707203 (0xFF637183)
YUV	110.8660, 9.9261, -10.4065
Hunter-Lab	40.1268, -2.8398, -7.0512

Details

The XYZ color **15.1475, 16.1016, 23.7823** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9738, 18.4490, 14.4186**, and the grayscale version is **15.0461, 15.8297, 17.2385**.

A 20% lighter version of the original color is **34.6845, 36.8550, 50.6331**, and **4.7785, 5.0936, 8.7140** is the 20% darker color. If you saturate the color by 10%, you get **13.0419, 13.8453, 23.4580**, and if you desaturate by 10%, it is **17.5530, 18.6125, 24.1404**.

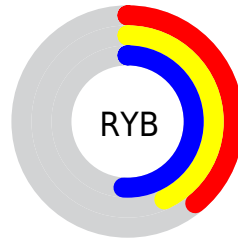
Distribution



Red (39%)

Green (44%)

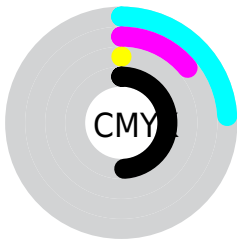
Blue (51%)



Red (39%)

Yellow (43%)

Blue (51%)

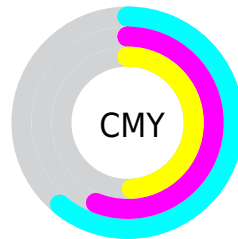


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1475, 16.1016, 23.7823 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 15.1475, 16.1016, 23.7823 by changing the saturation by 10% instead.

■ 15.1475, 16.1016,
23.7823

■ 15.1475, 16.1016,
23.7823

217.6280,
229.9405, 284.9690

■ 9.0100, 9.5961,
14.9615

■ 34.6813, 36.7745,
50.6141

■ 4.8048, 5.1320,
8.6460

■ 48.8082, 51.7107,
69.4621

■ 2.1668, 2.3249,
4.4174

■ 66.3290, 70.2258,
92.4897

■ 0.7251, 0.7868,
1.8570

■ 87.6090, 92.7044,
120.1153

■ 0.0000, 0.0000,
0.4652

113.0135,
119.5307, 152.7575

■ 0.0000, 0.0000,
0.0000

142.9079,

151.0893, 190.8349

177.6577,
187.7644, 234.7658

■ 15.1475, 16.1016,
23.7823

■ 15.1475, 16.1016,
23.7823

■ 13.0419, 13.8453,
23.4580

■ 17.5530, 18.6125,
24.1404

■ 11.2220, 11.8326,
23.1655

■ 20.2690, 21.3843,
24.5323

■ 9.6746, 10.0547,
22.9038

■ 23.3071, 24.4259,
24.9592

■ 8.3846, 8.5013,
22.6720

■ 26.6781, 27.7446,
25.4222

■ 7.3356, 7.1613,
22.4687

■ 30.3921, 31.3480,
25.9219

■ 6.5088, 6.0223,
22.2924

■ 34.4589, 35.2429,
26.4594

■ 5.8796, 5.0686,
22.1415

■ 38.8878, 39.4362,
27.0353

■ 5.5756, 4.5963,
22.0663

■ 43.6877, 43.9343,
27.6506

■ 48.8672, 48.7437,
28.3059

Harmonies

Analogous

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



14.2127, 16.1016, 22.6028



15.1475, 16.1016, 23.7823



16.1661, 16.1016, 23.1401

Triad

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



15.1475, 16.1016, 23.7823



17.1541, 16.1016, 15.2181



13.7378, 16.1016, 14.5199

Complementary

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



15.1475, 16.1016, 23.7823



17.9738, 18.4490, 14.4186

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.



14.4733, 16.1016, 12.9120



15.1475, 16.1016, 23.7823



16.4500, 16.1016, 13.2825

Square

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



15.1475, 16.1016, 23.7823



17.3541, 16.1016, 17.9858



15.4618, 16.1016, 12.4855



13.4222, 16.1016, 17.0858

Rectangle

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



15.1475, 16.1016, 23.7823



16.7516, 16.1016, 21.7994



15.4618, 16.1016, 12.4855



13.9425, 16.1016, 13.8612

Sweetspot

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



15.1480, 16.1023, 23.7827



34.9103, 36.8893, 43.7335



16.4497, 20.1606, 19.7314



8.0743, 8.5342, 10.1744



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.



15.1480, 16.1023, 23.7827



25.0838, 26.6608, 42.2771



13.8812, 13.3066, 23.3098



4.5897, 4.8550, 5.8960



5.4908, 4.5294, 21.7216



0.0261, 0.0298, 0.0776

Inverse Universe

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



16.8030, 14.9418, 17.6219



28.5927, 24.3723, 29.1765



19.4829, 21.8323, 14.9921



4.7509, 4.7200, 5.3006



9.9496, 5.0442, 4.3070



0.0380, 0.0189, 0.0337

Previews

White Background



This preview shows how the XYZ color 15.1475, 16.1016, 23.7823 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 15.1475, 16.1016, 23.7823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

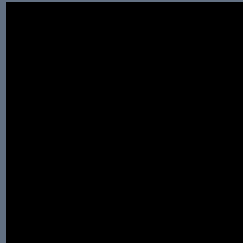
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

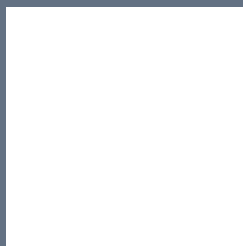
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1475, 16.1016, 23.7823

Background



This preview shows how black text looks on a background with the XYZ color 15.1475, 16.1016, 23.7823.

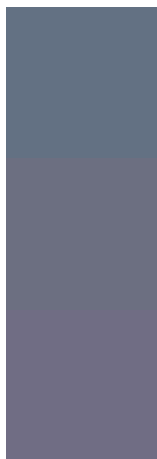


This preview shows how white text looks on a background with the XYZ color 15.1475, 16.1016,

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

15.1475, 16.1016, 23.7823

Protanopia

15.8312, 16.1420, 23.0502

Deuteranopia

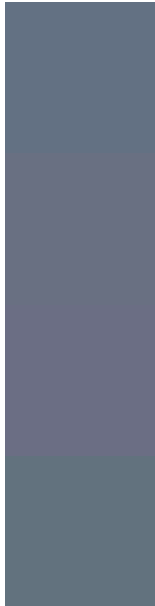
16.3156, 16.0480, 24.0674



Tritanopia

14.5222, 16.0061, 21.0630

Trichromacy



Original Color

15.1475, 16.1016, 23.7823

Protanomaly

15.6491, 16.2033, 23.4218

Deuteranomaly

15.8042, 15.9436, 24.0742

Tritanomaly

14.8202, 16.1377, 22.0724

Monochromacy



Original Color

15.1475, 16.1016, 23.7823

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1276, 16.0221, 19.4348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1475, 16.1016, 23.7823 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(99, 113, 131) looks like.

```
.text, #text, p{  
    color:rgb(99, 113, 131)  
}
```

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(99, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 113, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.1475, 16.1016, 23.7823 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(99, 113, 131) }
```


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

```
.border{ border-color:rgb(99, 113, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(99, 113,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1475, 16.1016, 23.7823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 113, 131) }
```

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

```
.background{ background-color: rgb(99, 113,  
131) }
```

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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