

Converting Colors

XYZ(16.0493, 18.5616, 24.3332)

Have a look what the booklet for
XYZ(16.0493, 18.5616, 24.3332)
contains.

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Color

**XYZ(16.0237, 18.4869,
24.1965)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7C83
RGB	95, 124, 131
RGB Percent	37%, 49%, 51%
CMY	0.6274, 0.5137, 0.4863
CMYK	0.27, 0.05, 0.00, 0.49
HSL	192°, 16%, 44%
HSV	192°, 27%, 51%
XYZ	16.0237, 18.4869, 24.1965
YIQ	116.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

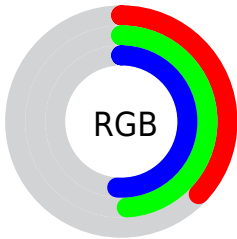
Format	Color
R_{YB}	95, 111, 131
Decimal	6257795
CIE _{Lab}	50.08, -8.62, -7.21
CIE _{LCh}	50, 11.237, 219.903
Yxy	18.4869, 0.2729, 0.3149
Android (android.graphics.Color)	4284447875 (0xFF5F7C83)
YUV	116.1270, 7.3324, -18.5284
Hunter-Lab	42.9964, -8.7211, -3.2684

Details

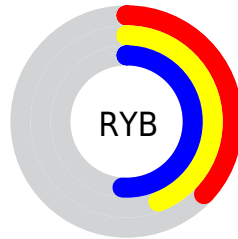
The XYZ color **16.0237, 18.4869, 24.1965** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1772, 15.1543, 12.8993**, and the grayscale version is **16.6223, 17.4880, 19.0444**.

A 20% lighter version of the original color is **36.2279, 41.0160, 51.3549**, and **5.2114, 6.2457, 8.9135** is the 20% darker color. If you saturate the color by 10%, you get **14.4608, 17.2140, 24.0335**, and if you desaturate by 10%, it is **17.8248, 19.8958, 24.3738**.

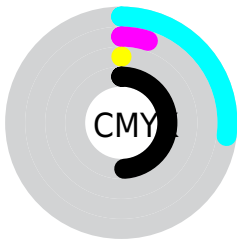
Distribution



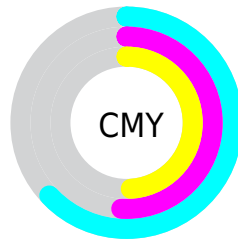
- Red (37%)
- Green (49%)
- Blue (51%)



- Red (37%)
- Yellow (44%)
- Blue (51%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (63%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0237, 18.4869, 24.1965 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 16.0237, 18.4869, 24.1965 by changing the saturation by 10% instead.

■ 16.0237, 18.4869,
24.1965

■ 16.0237, 18.4869,
24.1965

222.7492,
243.6013, 287.1309

■ 9.6319, 11.3001,
15.2659

■ 36.1965, 40.8653,
51.2985

■ 5.2160, 6.2691,
8.8575

■ 50.7081, 56.8256,
70.3070

■ 2.4106, 3.0094,
4.5528

■ 68.6571, 76.4793,
93.5119

■ 0.8504, 1.1366,
1.9333

■ 90.4087, 100.2107,
121.3317

■ 0.0000, 0.0090,
0.5138

116.3284,
128.4042, 154.1850

■ 0.0000, 0.0000,
0.0000

146.7815,

161.4442, 192.4902

182.1333,
199.7151, 236.6660

■ 16.0237, 18.4869,
24.1965

■ 16.0237, 18.4869,
24.1965

■ 14.4608, 17.2140,
24.0335

■ 17.8248, 19.8958,
24.3738

■ 13.1230, 16.0687,
23.8829

■ 19.8732, 21.4441,
24.5647

■ 11.9983, 15.0454,
23.7447

■ 22.1794, 23.1376,
24.7701

■ 11.0730, 14.1369,
23.6181

■ 24.7529, 24.9815,
24.9903

■ 10.3316, 13.3350,
23.5024

■ 27.6027, 26.9805,
25.2259

■ 9.7565, 12.6306,
23.3967

■ 30.7374, 29.1389,
25.4774

■ 9.3103, 12.0044,
23.2994

■ 34.1651, 31.4612,
25.7449

■ 9.2029, 11.8510,
23.2754

■ 37.8937, 33.9515,
26.0291

■ 41.9307, 36.6136,
26.3302

Harmonies

Analogous

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



15.6012, 18.4869, 21.1708



16.0237, 18.4869, 24.1965



16.8663, 18.4869, 26.2563

Triad

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



16.0237, 18.4869, 24.1965



19.5975, 18.4869, 22.2457



17.2160, 18.4869, 14.8136

Complementary

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



16.0237, 18.4869, 24.1965



16.1772, 15.1543, 12.8993

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.



18.2956, 18.4869, 15.0380



16.0237, 18.4869, 24.1965



19.7005, 18.4869, 19.1221

Square

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



16.0237, 18.4869, 24.1965



18.9393, 18.4869, 25.0524



19.2154, 18.4869, 16.5451



16.2707, 18.4869, 15.8971

Rectangle

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



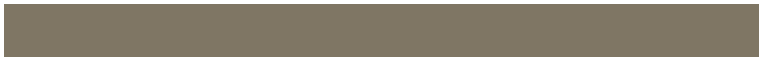
16.0237, 18.4869, 24.1965



17.5677, 18.4869, 26.6916



19.2154, 18.4869, 16.5451



17.5748, 18.4869, 14.7414

Sweetspot

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



16.0243, 18.4876, 24.1969



35.3148, 38.1975, 43.9647



15.2145, 19.6172, 15.4516



8.1021, 8.8035, 10.2249



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.



16.0243, 18.4876, 24.1969



26.8887, 31.6469, 43.1444



14.0118, 14.4627, 23.5261



4.7268, 5.1292, 5.9417



9.0606, 11.6690, 22.9115



0.0363, 0.0502, 0.0810

Inverse Universe

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



17.0908, 14.4654, 20.9609



29.1678, 23.3161, 36.1702



18.0944, 18.9888, 13.5384



4.8201, 4.7477, 5.6651



11.7515, 5.7649, 13.7956



0.0432, 0.0210, 0.0608

Previews

White Background



This preview shows how the XYZ color 16.0237, 18.4869, 24.1965 looks on a white 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

Black Background



This preview shows how the XYZ color 16.0237, 18.4869, 24.1965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

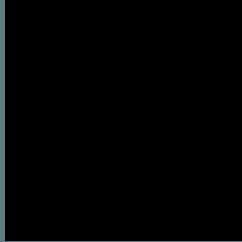
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

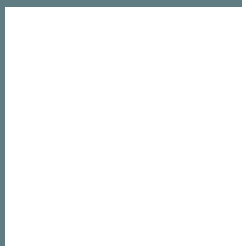
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0237, 18.4869, 24.1965

Background



This preview shows how black text looks on a background with the XYZ color 16.0237, 18.4869, 24.1965.



This preview shows how white text looks on a background with the XYZ color 16.0237, 18.4869,

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

16.0237, 18.4869, 24.1965

Protanopia

17.7804, 18.3407, 22.6817

Deuteranopia

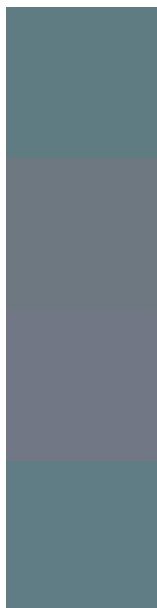
18.7912, 18.4693, 24.7648



Tritanopia

16.3346, 18.6233, 25.2880

Trichromacy



Original Color

16.0237, 18.4869, 24.1965

Protanomaly

17.0432, 18.3065, 23.0573

Deuteranomaly

17.5717, 18.3703, 24.4495

Tritanomaly

16.2652, 18.5956, 24.9223

Monochromacy



Original Color

16.0237, 18.4869, 24.1965

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2324, 17.7623, 20.6621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0237, 18.4869, 24.1965 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(95, 124, 131) looks like.

```
.text, #text, p{  
    color:rgb(95, 124, 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(95, 124, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 124, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.0237, 18.4869, 24.1965 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(95, 124, 131) }
```


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

```
.border{ border-color:rgb(95, 124, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 124, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 124, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 124, 131);  
box-shadow:4px 4px 4px 4px rgb(95, 124,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0237, 18.4869, 24.1965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 124, 131) }
```

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

```
.background{ background-color: rgb(95, 124,  
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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