

Converting Colors

XYZ(16.2428, 18.3379, 25.9731)

Have a look what the booklet for
XYZ(16.2428, 18.3379, 25.9731)
contains.

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Color

**XYZ(16.2462, 18.3764,
25.9833)**

Conversions

Conversions Part 1	
Format	Color
Hex	5F7B88
RGB	95, 123, 136
RGB Percent	37%, 48%, 53%
CMY	0.6274, 0.5176, 0.4667
CMYK	0.30, 0.10, 0.00, 0.47
HSL	199°, 18%, 45%
HSV	199°, 30%, 53%
XYZ	16.2462, 18.3764, 25.9833
YIQ	116.1100, -20.8610, -1.8930

Conversions

Conversions Part 2

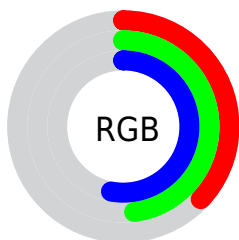
Format	Color
RYB	95, 112, 136
Decimal	6257544
CIELab	49.95, -6.78, -10.35
CIELCh	50, 12.370, 236.769
Yxy	18.3764, 0.2681, 0.3032
Android (android.graphics.Color)	4284447624 (0xFF5F7B88)
YUV	116.1100, 9.8058, -18.5135
Hunter-Lab	42.8677, -7.3697, -5.9299

Details

The XYZ color **16.2462, 18.3764, 25.9833** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5817, 16.7857, 13.1402**, and the grayscale version is **16.6101, 17.4751, 19.0304**.

A 20% lighter version of the original color is **36.5479, 40.5371, 54.0423**, and **5.3008, 6.1738, 9.7164** is the 20% darker color. If you saturate the color by 10%, you get **14.4319, 16.6649, 25.7489**, and if you desaturate by 10%, it is **18.3318, 20.2637, 26.2380**.

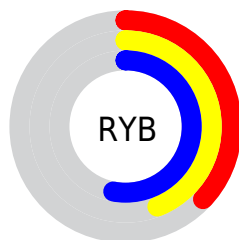
Distribution



Red (37%)

Green (48%)

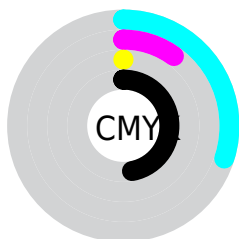
Blue (53%)



Red (37%)

Yellow (44%)

Blue (53%)

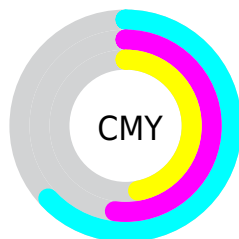


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (63%)


Magenta (52%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2462, 18.3764, 25.9833 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 16.2462, 18.3764, 25.9833 by changing the saturation by 10% instead.


 16.2462, 18.3764,
25.9833


 16.2462, 18.3764,
25.9833


224.0321,
242.9841, 296.3030


 9.7905, 11.2206,
16.5855


 36.5791, 40.6777,
54.2318


 5.3215, 6.2154,
9.7806


 51.1870, 56.5919,
73.9195

 2.4738, 2.9765,
5.1500


 69.2430, 76.1943,
97.8743

 0.8820, 1.1195,
2.2753

 91.1125, 99.8694,
126.5147

 0.0000, 0.0000,
0.7173

117.1608,
128.0016, 160.2592

 0.0000, 0.0000,
0.0000

147.7532,

160.9751, 199.5264

183.2552,
199.1745, 244.7348

■ 16.2462, 18.3764,
25.9833

■ 16.2462, 18.3764,
25.9833

■ 14.4319, 16.6649,
25.7489

■ 18.3318, 20.2637,
26.2380

■ 12.8742, 15.1197,
25.5327

■ 20.6993, 22.3312,
26.5123

■ 11.5593, 13.7338,
25.3345

■ 23.3606, 24.5861,
26.8072

■ 10.4715, 12.4986,
25.1534

■ 26.3265, 27.0342,
27.1234

■ 9.5929, 11.4044,
24.9885

■ 29.6072, 29.6813,
27.4615

■ 8.9029, 10.4401,
24.8388

■ 33.2123, 32.5328,
27.8219

■ 8.3481, 9.5858,
24.7031

■ 37.1513, 35.5938,
28.2051

■ 41.4329, 38.8694,
28.6117

■ 46.0656, 42.3642,
29.0421

Harmonies

Analogous

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



15.5085, 18.3764, 23.0964



16.2462, 18.3764, 25.9833



17.3380, 18.3764, 27.2625

Triad

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



16.2462, 18.3764, 25.9833



19.8431, 18.3764, 20.3791



16.4592, 18.3764, 14.7263

Complementary

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



16.2462, 18.3764, 25.9833



17.5817, 16.7857, 13.1402

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.



17.5950, 18.3764, 14.1714



16.2462, 18.3764, 25.9833



19.5822, 18.3764, 17.2093

Square

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



16.2462, 18.3764, 25.9833



19.4438, 18.3764, 23.8051



18.7458, 18.3764, 15.0284



15.6275, 18.3764, 16.6392

Rectangle

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



16.2462, 18.3764, 25.9833



18.1324, 18.3764, 26.9353



18.7458, 18.3764, 15.0284



16.8166, 18.3764, 14.3849

Sweetspot

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



16.2468, 18.3771, 25.9837



36.9012, 39.7172, 46.7696



16.2297, 21.1239, 17.4050



8.4130, 9.0839, 10.8163



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.2468, 18.3771, 25.9837



26.4576, 30.3501, 45.5120



13.9659, 13.8155, 25.2235



5.0414, 5.4257, 6.3874



7.9097, 9.0897, 23.3833



0.0657, 0.0868, 0.1597

Inverse Universe

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



17.8212, 14.8492, 20.6666



29.7443, 23.3431, 34.3320



20.0016, 21.6256, 13.9468



5.1675, 5.1024, 5.9705



11.4793, 5.7018, 10.2940



0.0829, 0.0405, 0.1035

Previews

White Background



This preview shows how the XYZ color 16.2462, 18.3764, 25.9833 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 16.2462, 18.3764, 25.9833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

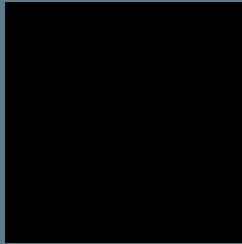
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

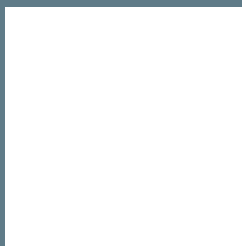
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2462, 18.3764, 25.9833

Background



This preview shows how black text looks on a background with the XYZ color 16.2462, 18.3764, 25.9833.



This preview shows how white text looks on a background with the XYZ color 16.2462, 18.3764,

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

16.2462, 18.3764, 25.9833

Protanopia

17.9145, 18.3633, 24.7906

Deuteranopia

18.7180, 18.3907, 26.6080



Tritanopia

15.9327, 18.2391, 24.8710

Trichromacy



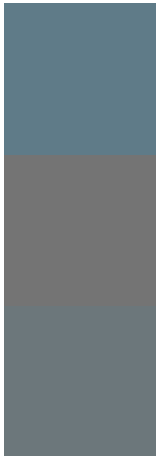
Original Color
16.2462, 18.3764, 25.9833

Protanomaly
17.2039, 18.3423, 25.1879

Deuteranomaly
17.7943, 18.4445, 26.2892

Tritanomaly
16.0021, 18.2668, 25.2367

Monochromacy



Original Color
16.2462, 18.3764, 25.9833

Achromatopsia
16.6002, 17.4647, 19.0191

Achromatomaly
16.3563, 17.8119, 21.3149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2462, 18.3764, 25.9833 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, 123, 136) looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 136)  
}
```

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, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 136) }
```

Border

The CSS property to change the border of an element to XYZ 16.2462, 18.3764, 25.9833 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, 123, 136) }
```

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

```
.border{ border-color:rgb(95, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2462, 18.3764, 25.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 136) }
```

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

```
.background{ background-color: rgb(95, 123,  
136) }
```

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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