

Converting Colors

XYZ(15.9541, 18.4293, 23.9570)

Have a look what the booklet for
XYZ(15.9541, 18.4293, 23.9570)
contains.

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Color

**XYZ(15.9562, 18.4599,
23.8412)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7C82
RGB	95, 124, 130
RGB Percent	37%, 49%, 51%
CMY	0.6274, 0.5137, 0.4902
CMYK	0.27, 0.05, 0.00, 0.49
HSL	190°, 16%, 44%
HSV	190°, 27%, 51%
XYZ	15.9562, 18.4599, 23.8412
YIQ	116.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

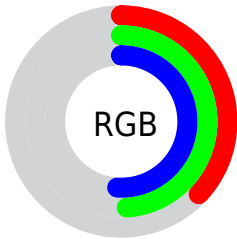
Format	Color
R_{YB}	95, 111, 130
Decimal	6257794
CIE _{Lab}	50.05, -8.87, -6.67
CIE _{LCh}	50, 11.097, 216.934
Yxy	18.4599, 0.2739, 0.3169
Android (android.graphics.Color)	4284447874 (0xFF5F7C82)
YUV	116.0130, 6.8956, -18.4284
Hunter-Lab	42.9650, -8.8980, -2.8244

Details

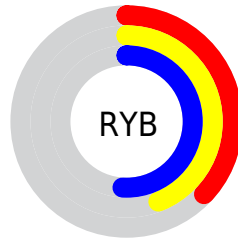
The XYZ color **15.9562, 18.4599, 23.8412** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.9253, 14.8794, 12.8595**, and the grayscale version is **16.5886, 17.4525, 19.0058**.

A 20% lighter version of the original color is **36.1234, 40.9742, 50.8046**, and **5.1736, 6.2306, 8.7145** is the 20% darker color. If you saturate the color by 10%, you get **14.4410, 17.2694, 23.6916**, and if you desaturate by 10%, it is **17.7042, 19.7807, 24.0043**.

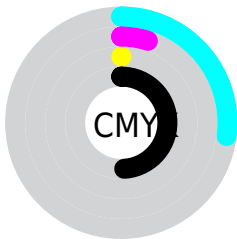
Distribution



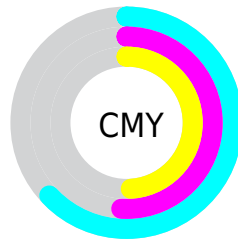
- Red (37%)
- Green (49%)
- Blue (51%)



- 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 15.9562, 18.4599, 23.8412 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 15.9562, 18.4599, 23.8412 by changing the saturation by 10% instead.

■ 15.9562, 18.4599,
23.8412

■ 15.9562, 18.4599,
23.8412

222.3586,
243.4506, 285.2773

■ 9.5838, 11.2807,
15.0048

■ 36.0802, 40.8194,
50.7115

■ 5.1840, 6.2559,
8.6761

■ 50.5625, 56.7685,
69.5825

■ 2.3915, 3.0013,
4.4366

■ 68.4789, 76.4097,
92.6353

■ 0.8409, 1.1324,
1.8678

■ 90.1947, 100.1274,
120.2887

■ 0.0000, 0.0055,
0.4721

116.0751,
128.3059, 152.9610

■ 0.0000, 0.0000,
0.0000

146.4857,

161.3297, 191.0708

181.7918,
199.5831, 235.0368

■ 15.9562, 18.4599,
23.8412

■ 15.9562, 18.4599,
23.8412

■ 14.4410, 17.2694,
23.6916

■ 17.7042, 19.7807,
24.0043

■ 13.1457, 16.2011,
23.5536

■ 19.6938, 21.2350,
24.1802

■ 12.0588, 15.2495,
23.4273

■ 21.9353, 22.8287,
24.3696

■ 11.1667, 14.4075,
23.3118

■ 24.4381, 24.5666,
24.5732

■ 10.4546, 13.6674,
23.2064

■ 27.2107, 26.4532,
24.7912

■ 9.9052, 13.0203,
23.1105

■ 30.2617, 28.4930,
25.0241

■ 9.4850, 12.4487,
23.0223

■ 33.5990, 30.6900,
25.2723

■ 9.3625, 12.2781,
22.9958

■ 37.2302, 33.0484,
25.5361

■ 41.1628, 35.5720,
25.8159

Harmonies

Analogous

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



15.5867, 18.4599, 20.8174



15.9562, 18.4599, 23.8412



16.7540, 18.4599, 26.0049

Triad

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



15.9562, 18.4599, 23.8412



19.5017, 18.4599, 22.4908



17.2991, 18.4599, 14.8129

Complementary

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



15.9562, 18.4599, 23.8412



15.9253, 14.8794, 12.8595

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.



18.3617, 18.4599, 15.1638



15.9562, 18.4599, 23.8412



19.6620, 18.4599, 19.3986

Square

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



15.9562, 18.4599, 23.8412



18.8075, 18.4599, 25.1717



19.2372, 18.4599, 16.7717



16.3414, 18.4599, 15.7593

Rectangle

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



15.9562, 18.4599, 23.8412



17.4361, 18.4599, 26.5565



19.2372, 18.4599, 16.7717



17.6555, 18.4599, 14.7847

Sweetspot

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



15.9567, 18.4606, 23.8416



34.2168, 37.0604, 42.5424



15.0431, 19.3348, 15.2086



7.6365, 8.3100, 9.6198



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.9567, 18.4606, 23.8416



26.5034, 31.2660, 41.8306



13.9719, 14.4910, 23.1800



4.3857, 4.7654, 5.5019



8.9814, 11.7812, 22.0506



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9366, 14.3859, 20.9537



28.5440, 22.9985, 35.7675



17.7895, 18.6079, 13.4809



4.4675, 4.4002, 5.2664



11.4104, 5.5838, 14.0166



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9562, 18.4599, 23.8412 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 15.9562, 18.4599, 23.8412 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

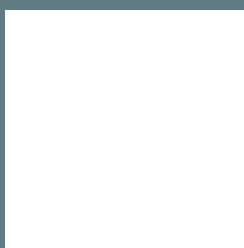
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9562, 18.4599, 23.8412

Background



This preview shows how black text looks on a background with the XYZ color 15.9562, 18.4599, 23.8412.



This preview shows how white text looks on a background with the XYZ color 15.9562, 18.4599,

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

15.9562, 18.4599, 23.8412

Protanopia

17.8521, 18.3852, 22.3464

Deuteranopia

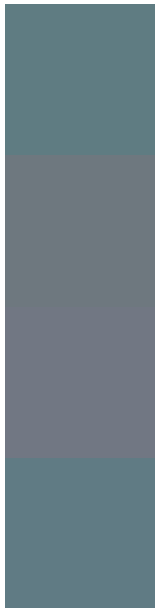
18.7224, 18.4418, 24.4026



Tritanopia

16.1405, 18.3462, 24.8808

Trichromacy



Original Color

15.9562, 18.4599, 23.8412

Protanomaly

16.9776, 18.2802, 22.7123

Deuteranomaly

17.5036, 18.3431, 24.0908

Tritanomaly

16.0717, 18.3187, 24.5186

Monochromacy



Original Color

15.9562, 18.4599, 23.8412

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 15.9562, 18.4599, 23.8412 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, 130) looks like.

```
.text, #text, p{  
    color:rgb(95, 124, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 124, 130) }
```

Border

The CSS property to change the border of an element to XYZ 15.9562, 18.4599, 23.8412 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, 130) }
```


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

```
.border{ border-color:rgb(95, 124, 130) }
```

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, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 124, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 124, 130);  
box-shadow:4px 4px 4px 4px rgb(95, 124,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9562, 18.4599, 23.8412 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, 130) }
```

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

```
.background{ background-color: rgb(95, 124,  
130) }
```

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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