

Converting Colors

XYZ(15.7108, 18.4623, 22.3314)

Have a look what the booklet for
XYZ(15.7108, 18.4623, 22.3314)
contains.

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Color

**XYZ(15.8188, 18.6065,
22.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7D7E
RGB	95, 125, 126
RGB Percent	37%, 49%, 49%
CMY	0.6274, 0.5098, 0.5059
CMYK	0.25, 0.01, 0.00, 0.51
HSL	182°, 14%, 43%
HSV	182°, 25%, 49%
XYZ	15.8188, 18.6065, 22.4963
YIQ	116.1440, -18.2010, -6.0490

Conversions

Conversions Part 2

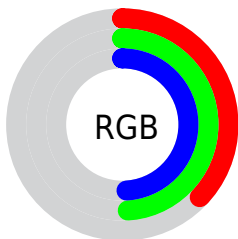
Format	Color
R_{YB}	95, 110, 126
Decimal	6258046
CIE _{Lab}	50.22, -10.42, -4.06
CIE _{LCh}	50, 11.178, 201.280
Yxy	18.6065, 0.2779, 0.3269
Android (android.graphics.Color)	4284448126 (0xFF5F7D7E)
YUV	116.1440, 4.8590, -18.5433
Hunter-Lab	43.1353, -10.0262, -0.7268

Details

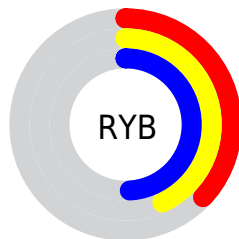
The XYZ color **15.8188, 18.6065, 22.4963** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8527, 13.6275, 12.6743**, and the grayscale version is **16.6346, 17.5009, 19.0585**.

A 20% lighter version of the original color is **35.9111, 41.2065, 48.7087**, and **5.0963, 6.3090, 7.9703** is the 20% darker color. If you saturate the color by 10%, you get **14.5633, 17.8837, 22.4233**, and if you desaturate by 10%, it is **17.2873, 19.4404, 22.5802**.

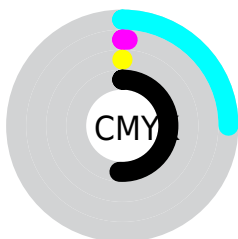
Distribution



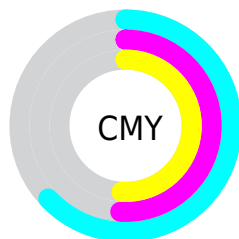
- Red (37%)
- Green (49%)
- Blue (49%)



- Red (37%)
- Yellow (43%)
- Blue (49%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8188, 18.6065, 22.4963 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 15.8188, 18.6065, 22.4963 by changing the saturation by 10% instead.

■ 15.8188, 18.6065,
22.4963

■ 15.8188, 18.6065,
22.4963

221.5616,
244.2677, 278.1648

■ 9.4861, 11.3863,
14.0202

■ 35.8433, 41.0681,
48.4776

■ 5.1192, 6.3273,
7.9958

■ 50.2658, 57.0783,
66.8199

■ 2.3528, 3.0451,
4.0045

■ 68.1156, 76.7873,
89.2880

■ 0.8215, 1.1553,
1.6278

■ 89.7581, 100.5794,
116.3005

■ 0.0000, 0.0248,
0.3106

115.5586,
128.8392, 148.2758

■ 0.0000, 0.0000,
0.0000

145.8824,

161.9509, 185.6327

181.0950,
200.2989, 228.7895

■ 15.8188, 18.6065,
22.4963

■ 15.8188, 18.6065,
22.4963

■ 14.5633, 17.8837,
22.4233

■ 17.2873, 19.4404,
22.5802

■ 13.5091, 17.2644,
22.3593

■ 18.9767, 20.3881,
22.6740

■ 12.6456, 16.7438,
22.3043

■ 20.8965, 21.4547,
22.7787

■ 11.9608, 16.3156,
22.2578

■ 23.0550, 22.6448,
22.8947

■ 11.4414, 15.9730,
22.2190

■ 25.4602, 23.9624,
23.0222

■ 11.0720, 15.7080,
22.1873

■ 28.1198, 25.4115,
23.1618

■ 10.8306, 15.5094,
22.1617

■ 31.0410, 26.9957,
23.3136

■ 10.7186, 15.4117,
22.1488

■ 34.2310, 28.7187,
23.4780

■ 37.6963, 30.5841,
23.6554

Harmonies

Analogous

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



15.7098, 18.6065, 19.3706



15.8188, 18.6065, 22.4963



16.4169, 18.6065, 25.2651

Triad

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



15.8188, 18.6065, 22.4963



19.3559, 18.6065, 24.2137



18.0018, 18.6065, 14.9289

Complementary

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



15.8188, 18.6065, 22.4963



14.8527, 13.6275, 12.6743

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.



19.0166, 18.6065, 15.9627



15.8188, 18.6065, 22.4963



19.8190, 18.6065, 21.1748

Square

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



15.8188, 18.6065, 22.4963



18.4497, 18.6065, 26.3247



19.6923, 18.6065, 18.1758



16.9416, 18.6065, 15.2054

Rectangle

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



15.8188, 18.6065, 22.4963



17.0265, 18.6065, 26.4331



19.6923, 18.6065, 18.1758



18.3601, 18.6065, 15.1305

Sweetspot

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



15.8193, 18.6073, 22.4967



32.6032, 35.4402, 39.8666



14.2696, 18.1905, 13.7093



7.3866, 8.0448, 9.0666



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.



15.8193, 18.6073, 22.4967



26.4536, 31.9533, 39.5177



14.0596, 15.0878, 21.9101



4.4349, 4.8639, 5.5184



10.9955, 15.8095, 22.7220



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3985, 14.1010, 21.2604



27.6778, 22.4918, 36.8898



16.3563, 16.6347, 13.1755



4.4924, 4.4101, 5.3973



12.4270, 5.9905, 19.3701



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8188, 18.6065, 22.4963 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 15.8188, 18.6065, 22.4963 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 15.8188, 18.6065, 22.4963

Background



This preview shows how black text looks on a background with the XYZ color 15.8188, 18.6065, 22.4963.



This preview shows how white text looks on a background with the XYZ color 15.8188, 18.6065,

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

15.8188, 18.6065, 22.4963

Protanopia

17.8554, 18.5919, 21.0599

Deuteranopia

18.8941, 18.5613, 23.0089



Tritanopia

16.4405, 18.6779, 25.2929

Trichromacy



Original Color

15.8188, 18.6065, 22.4963

Protanomaly

16.9681, 18.4843, 21.4124

Deuteranomaly

17.4978, 18.3708, 22.7024

Tritanomaly

16.1283, 18.5408, 24.2014

Monochromacy



Original Color

15.8188, 18.6065, 22.4963

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1713, 17.7379, 20.3407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8188, 18.6065, 22.4963 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, 125, 126) looks like.

```
.text, #text, p{  
    color:rgb(95, 125, 126)  
}
```

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, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 125, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.8188, 18.6065, 22.4963 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, 125, 126) }
```


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

```
.border{ border-color:rgb(95, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(95, 125,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8188, 18.6065, 22.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 125, 126) }
```

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

```
.background{ background-color: rgb(95, 125,  
126) }
```

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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