

Converting Colors

XYZ(18.5487, 23.7789, 23.3202)

Have a look what the booklet for
XYZ(18.5487, 23.7789, 23.3202)
contains.

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Color

**XYZ(18.5181, 23.6927,
23.3358)**

Conversions

Conversions Part 1

Format	Color
Hex	618F7E
RGB	97, 143, 126
RGB Percent	38%, 56%, 49%
CMY	0.6196, 0.4392, 0.5059
CMYK	0.32, 0.00, 0.12, 0.44
HSL	158°, 19%, 47%
HSV	158°, 32%, 56%
XYZ	18.5181, 23.6927, 23.3358
YIQ	127.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

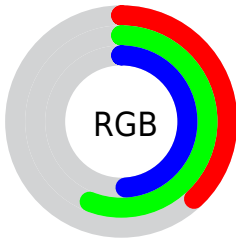
Format	Color
R_{YB}	97, 125, 143
Decimal	6393726
CIE _{Lab}	55.78, -19.53, 4.07
CIE _{LCh}	56, 19.950, 168.233
Yxy	23.6927, 0.2825, 0.3615
Android (android.graphics.Color)	4284583806 (0xFF618F7E)
YUV	127.3080, -0.6448, -26.5801
Hunter-Lab	48.6751, -17.2725, 5.6478

Details

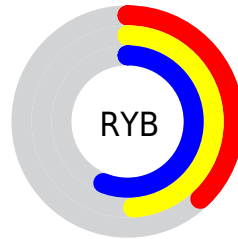
The XYZ color **18.5181, 23.6927, 23.3358** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6404, 15.6045, 17.9500**, and the grayscale version is **20.2868, 21.3433, 23.2428**.

A 20% lighter version of the original color is **40.4974, 49.5767, 50.0827**, and **6.3856, 8.8185, 8.3868** is the 20% darker color. If you saturate the color by 10%, you get **16.7976, 22.8448, 21.5221**, and if you desaturate by 10%, it is **20.5326, 24.6914, 25.2584**.

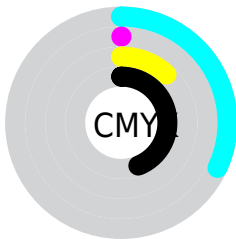
Distribution



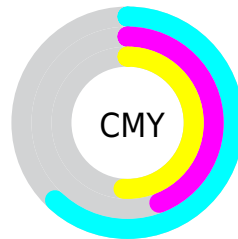
- Red (38%)
- Green (56%)
- Blue (49%)



- Red (38%)
- Yellow (49%)
- Blue (56%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (62%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5181, 23.6927, 23.3358 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 18.5181, 23.6927, 23.3358 by changing the saturation by 10% instead.

■ 18.5181, 23.6927,
23.3358

■ 18.5181, 23.6927,
23.3358

236.7648,
271.2632, 282.6227

■ 11.4245, 15.1058,
14.6340

■ 40.4414, 49.5283,
49.8743

■ 6.4225, 8.8937,
8.4192

■ 56.0018, 67.5457,
68.5481

■ 3.1467, 4.6719,
4.2727

■ 75.1153, 89.4755,
91.3830

■ 1.2318, 2.0561,
1.7761

■ 98.1471, 115.7021,
118.7975

■ 0.1313, 0.6397,
0.4121

125.4625,
146.6097, 151.2102

■ 0.0000, 0.0000,
0.0000

157.4271,

182.5828, 189.0396

194.4061,
224.0058, 232.7042

■ 18.5181, 23.6927,
23.3358

■ 18.5181, 23.6927,
23.3358

■ 16.7976, 22.8448,
21.5221

■ 20.5326, 24.6914,
25.2584

■ 15.3542, 22.1370,
19.8135

■ 22.8532, 25.8451,
27.2902

■ 14.1720, 21.5618,
18.2083

■ 25.4934, 27.1615,
29.4339

■ 13.2328, 21.1100,
16.7041

■ 28.4655, 28.6468,
31.6914

■ 12.5160, 20.7708,
15.2985

■ 31.7812, 30.3070,
34.0644

■ 11.9970, 20.5317,
13.9886

■ 35.4513, 32.1477,
36.5549

■ 11.6748, 20.3866,
13.0261

■ 39.4866, 34.1744,
39.1645

■ 43.8969, 36.3921,
41.8950

■ 48.6921, 38.8059,
44.7481

Harmonies

Analogous

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



19.4239, 23.6927, 18.3475



18.5181, 23.6927, 23.3358



18.6299, 23.6927, 29.9009

Triad

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



18.5181, 23.6927, 23.3358



23.9098, 23.6927, 39.5536



25.5473, 23.6927, 17.5661

Complementary

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



18.5181, 23.6927, 23.3358



18.6404, 15.6045, 17.9500

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.



26.9152, 23.6927, 22.0875



18.5181, 23.6927, 23.3358



25.9271, 23.6927, 35.0318

Square

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



18.5181, 23.6927, 23.3358



21.6425, 23.6927, 40.0398



27.0587, 23.6927, 28.4261



23.4193, 23.6927, 15.4098

Rectangle

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



18.5181, 23.6927, 23.3358



19.2678, 23.6927, 34.3139



27.0587, 23.6927, 28.4261



26.1172, 23.6927, 18.8212

Sweetspot

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



18.5188, 23.6937, 23.3363



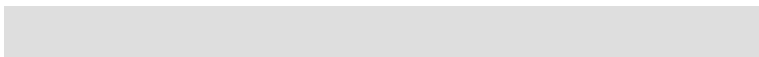
41.8042, 46.7205, 49.6058



19.0030, 24.1291, 14.9653



9.4562, 10.6491, 11.2669



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.5188, 23.6937, 23.3363



30.7574, 41.2427, 39.2854



18.9244, 22.5974, 29.3521



5.4768, 6.0830, 6.4769



10.3326, 18.0289, 11.5713



0.1095, 0.1766, 0.1668

Inverse Universe

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



18.6404, 15.6045, 17.9500



31.0150, 24.2964, 28.0144



18.2736, 16.2782, 13.4884



5.4861, 5.4550, 6.0581



10.5905, 5.3932, 3.4948



0.1112, 0.0556, 0.0861

Previews

White Background



This preview shows how the XYZ color 18.5181, 23.6927, 23.3358 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 18.5181, 23.6927, 23.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

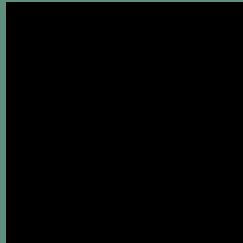
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5181, 23.6927, 23.3358

Background



This preview shows how black text looks on a background with the XYZ color 18.5181, 23.6927, 23.3358.



This preview shows how white text looks on a background with the XYZ color 18.5181, 23.6927,

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

18.5181, 23.6927, 23.3358

Protanopia

22.2589, 23.5344, 21.1387

Deuteranopia

24.0254, 23.5814, 24.0543



Tritanopia

20.2980, 23.5244, 32.7490

Trichromacy



Original Color

18.5181, 23.6927, 23.3358

Protanomaly

20.6269, 23.5074, 21.8626

Deuteranomaly

21.4746, 23.2758, 23.7829

Tritanomaly

19.5161, 23.4185, 29.0828

Monochromacy



Original Color

18.5181, 23.6927, 23.3358

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.4208, 22.0204, 23.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5181, 23.6927, 23.3358 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(97, 143, 126)` looks like.

```
.text, #text, p{  
  color:rgb(97, 143, 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(97, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.5181, 23.6927, 23.3358 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(97, 143, 126) }
```


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

```
.border{ border-color:rgb(97, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(97, 143,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5181, 23.6927, 23.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 143, 126) }
```

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

```
.background{ background-color: rgb(97, 143,  
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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