

Converting Colors

XYZ(23.1523, 18.3690, 17.3642)

Have a look what the booklet for
XYZ(23.1523, 18.3690, 17.3642)
contains.

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Color

**XYZ(23.1523, 18.3690,
17.3642)**

Conversions

Conversions Part 1

Format	Color
Hex	A6646F
RGB	166, 100, 111
RGB Percent	65%, 39%, 44%
CMY	0.3490, 0.6078, 0.5647
CMYK	0.00, 0.40, 0.33, 0.35
HSL	350°, 27%, 52%
HSV	350°, 40%, 65%
XYZ	23.1523, 18.3690, 17.3642
YIQ	120.9880, 35.8050, 17.4130

Conversions

Conversions Part 2

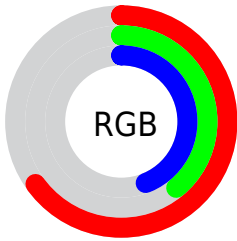
Format	Color
R_{YB}	166, 100, 111
Decimal	10904687
CIE _{Lab}	49.94, 28.04, 5.23
CIE _{LCh}	50, 28.521, 10.572
Yxy	18.3690, 0.3932, 0.3119
Android (android.graphics.Color)	4289094767 (0xFFA6646F)
YUV	120.9880, -4.9241, 39.4755
Hunter-Lab	42.8591, 21.4216, 5.9802

Details

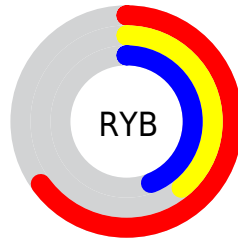
The XYZ color **23.1523, 18.3690, 17.3642** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.8090, 32.3488, 35.9485**, and the grayscale version is **18.1778, 19.1245, 20.8266**.

A 20% lighter version of the original color is **48.2705, 40.7888, 39.9792**, and **8.7631, 6.1713, 5.4319** is the 20% darker color. If you saturate the color by 10%, you get **21.0157, 15.2218, 13.1804**, and if you desaturate by 10%, it is **25.7323, 22.2140, 22.2782**.

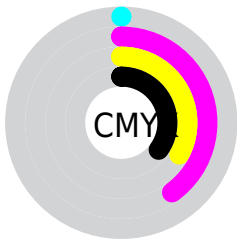
Distribution



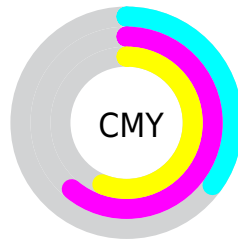
- Red (65%)
- Green (39%)
- Blue (44%)



- Red (65%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (35%)





- Cyan (35%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1523, 18.3690, 17.3642 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 23.1523, 18.3690, 17.3642 by changing the saturation by 10% instead.


 23.1523, 18.3690,
17.3642


 23.1523, 18.3690,
17.3642


261.0270,
242.9428, 249.3771


 14.8273, 11.2152,
10.3298


 48.1081, 40.6651,
39.7501

 8.7838, 6.2118,
5.5097


 65.4696, 56.5762,
55.9387

 4.6564, 2.9743,
2.4854

 86.5741, 76.1752,
76.0158

 2.0798, 1.1183,
0.8324

 111.7867, 99.8466,
100.3998

 0.6782, 0.0000,
0.0000

141.4730,
127.9746, 129.5095

 0.0000, 0.0000,
0.0000

175.9982,

160.9437, 163.7632

215.7278,
199.1383, 203.5796

■ 23.1523, 18.3690,
17.3642

■ 23.1523, 18.3690,
17.3642

■ 21.0157, 15.2218,
13.1804

■ 25.7323, 22.2140,
22.2782

■ 19.2957, 12.7278,
9.6908

■ 28.7775, 26.7925,
27.9542

■ 17.9650, 10.8416,
6.8574


■ 32.3099, 32.1408,
34.4231


■ 16.9923, 9.5108,
4.6386


■ 36.3497, 38.2923,
41.7140


■ 16.3413, 8.6740,
2.9875

■ 40.9160, 45.2781,
49.8545


 15.9399, 8.1996,
1.8409

 46.0269, 53.1279,
58.8709

 15.9315, 8.1892,
1.8183

 51.6996, 61.8698,
68.7882

 57.9506, 71.5306,
79.6305

 64.7957, 82.1363,
91.4211

Harmonies

Analogous

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



22.8997, 18.3690, 25.4370



23.1523, 18.3690, 17.3642



21.7636, 18.3690, 11.7210

Triad

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



23.1523, 18.3690, 17.3642



14.2590, 18.3690, 10.6073



15.7686, 18.3690, 37.8194

Complementary

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



23.1523, 18.3690, 17.3642



24.8090, 32.3488, 35.9485

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.



13.7634, 18.3690, 31.4752



23.1523, 18.3690, 17.3642



12.9568, 18.3690, 15.4001

Square

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



23.1523, 18.3690, 17.3642



16.5125, 18.3690, 8.5528



12.7854, 18.3690, 22.8915



18.4413, 18.3690, 38.7468

Rectangle

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



23.1523, 18.3690, 17.3642



20.1710, 18.3690, 9.5463



12.7854, 18.3690, 22.8915



15.0020, 18.3690, 36.1843

Sweetspot

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



23.1528, 18.3699, 17.3646



56.9738, 55.8052, 59.4422



24.9583, 18.8370, 38.3970



12.5673, 12.2117, 12.9690



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.1528, 18.3699, 17.3646



38.4461, 28.0720, 24.5271



24.9863, 22.9470, 15.1700



7.5802, 7.5619, 8.1067



12.3663, 6.3552, 1.4746



0.3153, 0.1604, 0.1119

Inverse Universe

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



23.1528, 18.3699, 17.3646



38.4461, 28.0720, 24.5271



22.1125, 25.4098, 39.8156



7.5802, 7.5619, 8.1067



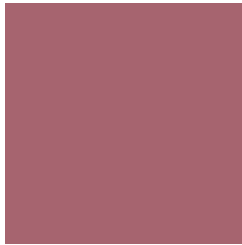
12.3663, 6.3552, 1.4746



0.3153, 0.1604, 0.1119

Previews

White Background



This preview shows how the XYZ color 23.1523, 18.3690, 17.3642 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 23.1523, 18.3690, 17.3642 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 23.1523, 18.3690, 17.3642

Background



This preview shows how black text looks on a background with the XYZ color 23.1523, 18.3690, 17.3642.



This preview shows how white text looks on a background with the XYZ color 23.1523, 18.3690,

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

23.1523, 18.3690, 17.3642

Protanopia

17.9332, 18.6391, 20.7417

Deuteranopia

18.8292, 18.4951, 16.7649



Tritanopia

23.0863, 18.4971, 16.5409

Trichromacy



Original Color

23.1523, 18.3690, 17.3642

Protanomaly

19.3216, 18.1911, 19.3225

Deuteranomaly

20.1903, 18.3670, 16.9490

Tritanomaly

23.1399, 18.5185, 16.8228

Monochromacy



Original Color

23.1523, 18.3690, 17.3642

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.4325, 18.4130, 19.3595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1523, 18.3690, 17.3642 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(166, 100, 111)` looks like.

```
.text, #text, p{  
    color:rgb(166, 100, 111)  
}
```

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(166, 100, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 100, 111) }
```

Border

The CSS property to change the border of an element to XYZ 23.1523, 18.3690, 17.3642 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(166, 100, 111) }
```


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

```
.border{ border-color:rgb(166, 100, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 100, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 100, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 100, 111);  
box-shadow:4px 4px 4px 4px rgb(166, 100,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1523, 18.3690, 17.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 100, 111) }
```

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

```
.background{ background-color: rgb(166,  
100, 111) }
```

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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