

Converting Colors

XYZ(23.1097, 18.2937, 23.6920)

Have a look what the booklet for
XYZ(23.1097, 18.2937, 23.6920)
contains.

XYZ(23.2476, 18.4196, 23.8028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.2476, 18.4196,
23.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	A06583
RGB	160, 101, 131
RGB Percent	63%, 40%, 51%
CMY	0.3725, 0.6039, 0.4863
CMYK	0.00, 0.37, 0.18, 0.37
HSL	329°, 24%, 51%
HSV	329°, 37%, 63%
XYZ	23.2476, 18.4196, 23.8028
YIQ	122.0610, 25.5340, 21.8380

Conversions

Conversions Part 2

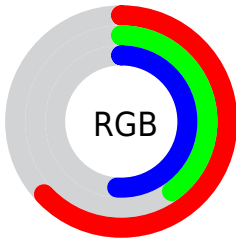
Format	Color
RYB	160, 101, 131
Decimal	10511747
CIELab	50.00, 28.20, -6.69
CIELCh	50, 28.986, 346.664
Yxy	18.4196, 0.3551, 0.2813
Android (android.graphics.Color)	4288701827 (0xFFFA06583)
YUV	122.0610, 4.4069, 33.2725
Hunter-Lab	42.9181, 21.5822, -2.8402

Details

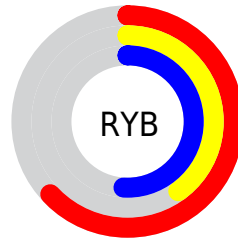
The XYZ color **23.2476, 18.4196, 23.8028** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9677, 29.5205, 25.6606**, and the grayscale version is **18.4992, 19.4626, 21.1948**.

A 20% lighter version of the original color is **48.3619, 40.8421, 50.6818**, and **8.8595, 6.2812, 8.7281** is the 20% darker color. If you saturate the color by 10%, you get **21.3298, 15.4047, 20.6327**, and if you desaturate by 10%, it is **25.5094, 22.0573, 27.2876**.

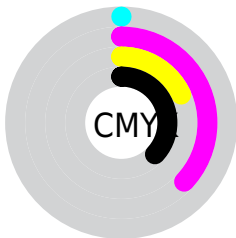
Distribution



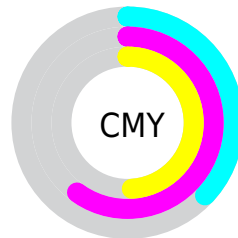
- Red (63%)
- Green (40%)
- Blue (51%)



- Red (63%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2476, 18.4196, 23.8028 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 23.2476, 18.4196, 23.8028 by changing the saturation by 10% instead.

■ 23.2476, 18.4196,
23.8028

■ 23.2476, 18.4196,
23.8028

261.5058,
243.2256, 285.0764

■ 14.8981, 11.2517,
14.9766

■ 48.2632, 40.7510,
50.6480

■ 8.8338, 6.2364,
8.6565

■ 65.6601, 56.6833,
69.5040

■ 4.6892, 2.9893,
4.4241

■ 86.8035, 76.3058,
92.5404

■ 2.0989, 1.1262,
1.8608

■ 112.0588,
100.0029, 120.1757

■ 0.6886, 0.0001,
0.4676

141.7913,
128.1591, 152.8284

■ 0.0000, 0.0000,
0.0000

176.3664,

161.1586, 190.9170

216.1495,
199.3860, 234.8602

■ 23.2476, 18.4196,
23.8028

■ 23.2476, 18.4196,
23.8028

■ 21.3298, 15.4047,
20.6327

■ 25.5094, 22.0573,
27.2876

■ 19.7358, 12.9744,
17.7657

■ 28.1307, 26.3479,
31.0960

■ 18.4458, 11.0903,
15.1907


■ 31.1278, 31.3228,
35.2377


■ 17.4371, 9.7082,
12.8954

■ 34.5157, 37.0104,
39.7217


■ 16.6832, 8.7772,
10.8661


■ 38.3085, 43.4376,
44.5567


 16.1445, 8.2194,
9.0845

 42.5194, 50.6300,
49.7509

 15.9957, 8.0730,
8.5692

 47.1613, 58.6117,
55.3123

 52.2463, 67.4060,
61.2484

 57.7861, 77.0351,
67.5668

Harmonies

Analogous

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



21.6951, 18.4196, 32.5194



23.2476, 18.4196, 23.8028



23.1506, 18.4196, 15.9743

Triad

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



23.2476, 18.4196, 23.8028



16.0172, 18.4196, 8.6649



14.0856, 18.4196, 33.3956

Complementary

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



23.2476, 18.4196, 23.8028



21.9677, 29.5205, 25.6606

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.



12.8648, 18.4196, 24.7793



23.2476, 18.4196, 23.8028



13.8964, 18.4196, 11.2694

Square

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



23.2476, 18.4196, 23.8028



18.7709, 18.4196, 8.5340



12.7994, 18.4196, 16.7243



16.3017, 18.4196, 38.9698

Rectangle

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



23.2476, 18.4196, 23.8028



22.1603, 18.4196, 12.2258



12.7994, 18.4196, 16.7243



13.5559, 18.4196, 30.6696

Sweetspot

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



23.2481, 18.4205, 23.8032



54.0718, 52.7972, 60.6425



20.1316, 16.5541, 35.3921



11.7089, 11.3305, 13.0928



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.2481, 18.4205, 23.8032



39.3849, 28.9907, 38.5830



21.5490, 17.7408, 14.8556



6.7667, 6.6996, 7.6226



12.4827, 6.2976, 6.7928



0.2445, 0.1211, 0.2339

Inverse Universe

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



23.2481, 18.4205, 23.8032



39.3849, 28.9907, 38.5830



24.1977, 30.4125, 37.4036



6.7667, 6.6996, 7.6226



12.4827, 6.2976, 6.7928



0.2445, 0.1211, 0.2339

Previews

White Background



This preview shows how the XYZ color 23.2476, 18.4196, 23.8028 looks on a white background.

Color Contrast Check

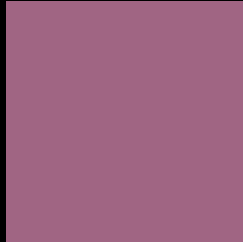
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2476, 18.4196, 23.8028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

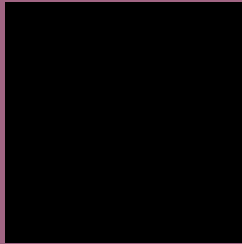
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2476, 18.4196, 23.8028

Background



This preview shows how black text looks on a background with the XYZ color 23.2476, 18.4196, 23.8028.



This preview shows how white text looks on a background with the XYZ color 23.2476, 18.4196,

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

23.2476, 18.4196, 23.8028

Protanopia

18.3003, 18.4873, 28.1951

Deuteranopia

18.8941, 18.5613, 23.0089



Tritanopia

21.9755, 18.3396, 17.7109

Trichromacy



Original Color

23.2476, 18.4196, 23.8028

Protanomaly

19.7417, 18.2486, 26.5266

Deuteranomaly

20.2943, 18.4428, 23.2591

Tritanomaly

22.4781, 18.4033, 19.8202

Monochromacy



Original Color

23.2476, 18.4196, 23.8028

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.8723, 18.7495, 21.9737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2476, 18.4196, 23.8028 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(160, 101, 131)` looks like.

```
.text, #text, p{  
    color:rgb(160, 101, 131)  
}
```

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(160, 101, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 101, 131) }
```

Border

The CSS property to change the border of an element to XYZ 23.2476, 18.4196, 23.8028 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(160, 101, 131) }
```


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

```
.border{ border-color:rgb(160, 101, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 101, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 101, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 101, 131);  
box-shadow:4px 4px 4px 4px rgb(160, 101,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2476, 18.4196, 23.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 101, 131) }
```

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

```
.background{ background-color: rgb(160,  
101, 131) }
```

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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