

Converting Colors

XYZ(23.5103, 20.9774, 27.0446)

Have a look what the booklet for
XYZ(23.5103, 20.9774, 27.0446)
contains.

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Color

**XYZ(23.5264, 21.0416,
26.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	96758A
RGB	150, 117, 138
RGB Percent	59%, 46%, 54%
CMY	0.4118, 0.5412, 0.4588
CMYK	0.00, 0.22, 0.08, 0.41
HSL	322°, 14%, 52%
HSV	322°, 22%, 59%
XYZ	23.5264, 21.0416, 26.8662
YIQ	129.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

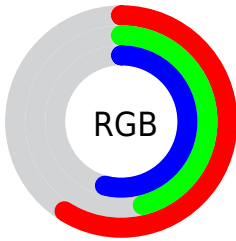
Format	Color
R_{YB}	150, 117, 138
Decimal	9860490
CIE _{Lab}	52.99, 16.54, -6.49
CIE _{LCh}	53, 17.771, 338.594
Yxy	21.0416, 0.3293, 0.2946
Android (android.graphics.Color)	4288050570 (0xFF96758A)
YUV	129.2610, 4.3083, 18.1881
Hunter-Lab	45.8711, 11.2747, -2.6157

Details

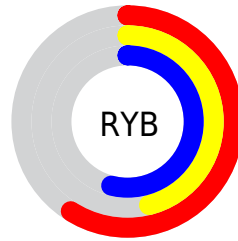
The XYZ color **23.5264, 21.0416, 26.8662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2058, 27.1801, 24.8461**, and the grayscale version is **20.9404, 22.0310, 23.9917**.

A 20% lighter version of the original color is **48.4938, 44.9749, 55.4153**, and **8.9742, 7.4915, 10.2055** is the 20% darker color. If you saturate the color by 10%, you get **21.5318, 17.6685, 24.3016**, and if you desaturate by 10%, it is **25.8221, 24.9847, 29.6295**.

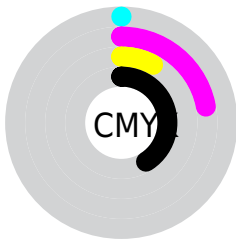
Distribution



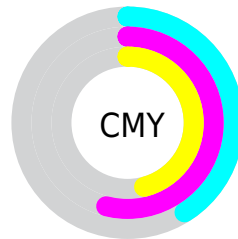
- Red (59%)
- Green (46%)
- Blue (54%)



- Red (59%)
- Yellow (46%)
- Blue (54%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (41%)



- Cyan (41%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5264, 21.0416, 26.8662 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 23.5264, 21.0416, 26.8662 by changing the saturation by 10% instead.

■ 23.5264, 21.0416,
26.8662

■ 23.5264, 21.0416,
26.8662

262.9024,
257.4995, 300.7484

■ 15.1055, 13.1544,
17.2412

■ 48.7166, 45.1568,
55.6702

■ 8.9803, 7.5350,
10.2428

■ 66.2165, 62.1535,
75.6863

■ 4.7853, 3.7989,
5.4526

■ 87.4736, 82.9556,
100.0032

■ 2.1553, 1.5617,
2.4518

112.8531,
107.9474, 129.0394

■ 0.7190, 0.3316,
0.8145

142.7204,
137.5133, 163.2135

■ 0.0000, 0.0000,
0.0000

177.4408,

172.0377, 202.9440

217.3797,
211.9049, 248.6494

■ 23.5264, 21.0416,
26.8662

■ 23.5264, 21.0416,
26.8662

■ 21.5318, 17.6685,
24.3016

■ 25.8221, 24.9847,
29.6295

■ 19.8230, 14.8357,
21.9285

■ 28.4298, 29.5198,
32.5959

■ 18.3857, 12.5154,
19.7409

■ 31.3621, 34.6714,
35.7711

■ 17.2040, 10.6759,
17.7320

■ 34.6302, 40.4617,
39.1603

■ 16.2600, 9.2819,
15.8944

■ 38.2450, 46.9118,
42.7683

■ 15.5335, 8.2936,
14.2197

■ 42.2167, 54.0417,
46.5998

■ 15.0006, 7.6636,
12.6984

■ 46.5551, 61.8708,
50.6594

■ 14.6639, 7.3185,
11.5739

■ 51.2696, 70.4175,
54.9514

■ 56.3695, 79.6996,
59.4802

Harmonies

Analogous

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



22.3202, 21.0416, 31.9092



23.5264, 21.0416, 26.8662



23.7579, 21.0416, 21.4104

Triad

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



23.5264, 21.0416, 26.8662



19.4684, 21.0416, 14.1841



17.3261, 21.0416, 29.9311

Complementary

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



23.5264, 21.0416, 26.8662



22.2058, 27.1801, 24.8461

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.



16.6598, 21.0416, 24.4795



23.5264, 21.0416, 26.8662



17.8453, 21.0416, 15.7862

Square

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



23.5264, 21.0416, 26.8662



21.3367, 21.0416, 14.6193



16.8438, 21.0416, 19.3639



18.7192, 21.0416, 33.8613

Rectangle

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



23.5264, 21.0416, 26.8662



23.3154, 21.0416, 18.3396



16.8438, 21.0416, 19.3639



17.0138, 21.0416, 28.1845

Sweetspot

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



23.5270, 21.0425, 26.8666



47.7362, 47.8483, 54.7878



20.8522, 19.5576, 31.5304



10.5278, 10.5149, 12.0834



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.5270, 21.0425, 26.8666



39.8659, 34.3256, 45.3271



22.4495, 20.6115, 21.1924



5.9467, 5.8737, 6.8255



12.1775, 6.0761, 9.6818



0.1632, 0.0800, 0.1932

Inverse Universe

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



23.5270, 21.0425, 26.8666



39.8659, 34.3256, 45.3271



23.3578, 27.6410, 30.9129



5.9467, 5.8737, 6.8255



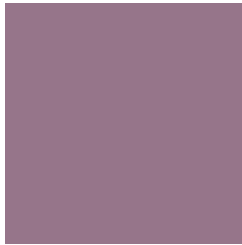
12.1775, 6.0761, 9.6818



0.1632, 0.0800, 0.1932

Previews

White Background



This preview shows how the XYZ color 23.5264, 21.0416, 26.8662 looks on a white background.

Color Contrast Check

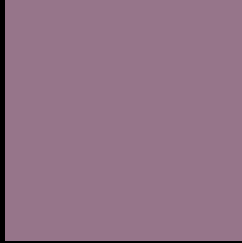
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5264, 21.0416, 26.8662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

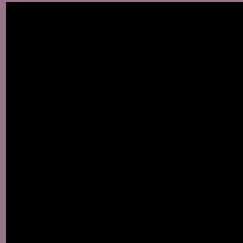
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5264, 21.0416, 26.8662

Background



This preview shows how black text looks on a background with the XYZ color 23.5264, 21.0416, 26.8662.



This preview shows how white text looks on a background with the XYZ color 23.5264, 21.0416,

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

23.5264, 21.0416, 26.8662

Protanopia

20.8071, 21.2204, 29.3849

Deuteranopia

21.4298, 21.0404, 26.5986



Tritanopia

22.8875, 21.1417, 23.2965

Trichromacy



Original Color

23.5264, 21.0416, 26.8662

Protanomaly

21.6383, 21.1055, 28.5245

Deuteranomaly

22.1679, 21.0563, 26.5628

Tritanomaly

23.0377, 21.0124, 24.6714

Monochromacy



Original Color

23.5264, 21.0416, 26.8662

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.8150, 21.6515, 24.8592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5264, 21.0416, 26.8662 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(150, 117, 138)` looks like.

```
.text, #text, p{  
    color:rgb(150, 117, 138)  
}
```

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(150, 117, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 117, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.5264, 21.0416, 26.8662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

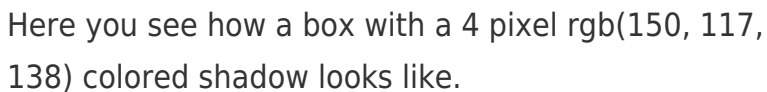
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 117, 138) }
```


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

```
.border{ border-color:rgb(150, 117, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 117, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 117, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 117, 138);  
box-shadow:4px 4px 4px 4px rgb(150, 117,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5264, 21.0416, 26.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 117, 138) }
```

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

```
.background{ background-color: rgb(150,  
117, 138) }
```

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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