

Converting Colors

XYZ(27.4170, 23.9074, 31.8381)

Have a look what the booklet for
XYZ(27.4170, 23.9074, 31.8381)
contains.

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Color

**XYZ(27.3648, 23.8025,
32.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	A27A96
RGB	162, 122, 150
RGB Percent	64%, 48%, 59%
CMY	0.3647, 0.5216, 0.4118
CMYK	0.00, 0.25, 0.07, 0.36
HSL	318°, 18%, 56%
HSV	318°, 25%, 64%
XYZ	27.3648, 23.8025, 32.0062
YIQ	137.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

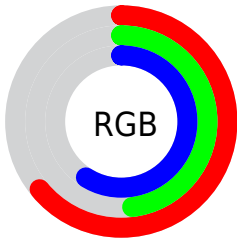
Format	Color
R_{YB}	162, 122, 150
Decimal	10648214
CIE _{Lab}	55.89, 20.29, -9.03
CIE _{LCh}	56, 22.209, 336.000
Yxy	23.8025, 0.3290, 0.2862
Android (android.graphics.Color)	4288838294 (0xFFA27A96)
YUV	137.1520, 6.3341, 21.7917
Hunter-Lab	48.7878, 14.7410, -4.7445

Details

The XYZ color **27.3648, 23.8025, 32.0062** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2504, 31.7000, 27.3436**, and the grayscale version is **23.8088, 25.0487, 27.2780**.

A 20% lighter version of the original color is **54.8443, 49.7713, 63.8430**, and **11.0651, 8.9809, 12.9547** is the 20% darker color. If you saturate the color by 10%, you get **25.1559, 19.9978, 29.3790**, and if you desaturate by 10%, it is **29.9229, 28.2789, 34.8305**.

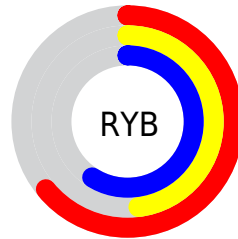
Distribution



Red (64%)

Green (48%)

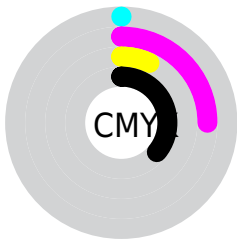
Blue (59%)



Red (64%)

Yellow (48%)

Blue (59%)

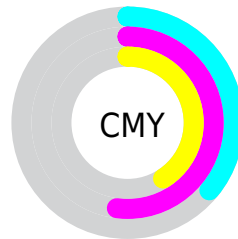


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (36%)



Cyan (36%)


Magenta (52%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3648, 23.8025, 32.0062 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 27.3648, 23.8025, 32.0062 by changing the saturation by 10% instead.


 27.3648, 23.8025,
32.0062


 27.3648, 23.8025,
32.0062


281.5546,
271.8205, 325.6411


 17.9854, 15.1872,
21.1014


 54.8845, 49.7077,
63.9188

 11.0391, 8.9509,
13.0062


 73.7554, 67.7664,
85.7637

 6.1606, 4.7091,
7.3020


 96.5210, 89.7417,
112.0924

 2.9846, 2.0776,
3.5704

123.5464,
116.0179, 143.3233

 1.1456, 0.6520,
1.3927

155.1972,
146.9795, 179.8752

 0.0628, 0.0000,
0.1361

191.8385,

 0.0000, 0.0000,

183.0109, 222.1664

0.0000

233.8359,
224.4964, 270.6155

■ 27.3648, 23.8025,
32.0062

■ 27.3648, 23.8025,
32.0062

■ 25.1559, 19.9978,
29.3790

■ 29.9229, 28.2789,
34.8305

■ 23.2775, 16.8289,
26.9408

■ 32.8436, 33.4546,
37.8564

■ 21.7123, 14.2609,
24.6852

■ 36.1422, 39.3594,
41.0903

■ 20.4405, 12.2547,
22.6045

■ 39.8322, 46.0203,
44.5375

■ 19.4400, 10.7662,
20.6905

■ 43.9269, 53.4632,
48.2034

■ 18.6851, 9.7449,
18.9335

■ 48.4384, 61.7125,
52.0929

■ 18.1449, 9.1287,
17.3221

■ 53.3788, 70.7916,
56.2109

■ 17.9034, 8.8826,
16.5111

■ 58.7594, 80.7232,
60.5620

■ 60.3692, 83.0850,
63.7434

Harmonies

Analogous

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



25.6050, 23.8025, 38.9003



27.3648, 23.8025, 32.0062



27.8144, 23.8025, 24.4877

Triad

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



27.3648, 23.8025, 32.0062



22.1189, 23.8025, 14.3841



18.9119, 23.8025, 34.9984

Complementary

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



27.3648, 23.8025, 32.0062



25.2504, 31.7000, 27.3436

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.



18.1224, 23.8025, 27.4007



27.3648, 23.8025, 32.0062



19.8830, 23.8025, 16.2010

Square

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



27.3648, 23.8025, 32.0062



24.6603, 23.8025, 15.1595



18.4643, 23.8025, 20.6535



20.7022, 23.8025, 40.8409

Rectangle

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



27.3648, 23.8025, 32.0062



27.2834, 23.8025, 20.2768



18.4643, 23.8025, 20.6535



18.5270, 23.8025, 32.5164

Sweetspot

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



27.3655, 23.8036, 32.0067



58.2669, 58.3175, 67.3484



23.3137, 21.5973, 37.1225



13.0187, 12.9775, 15.0569



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.3655, 23.8036, 32.0067



47.2459, 39.0060, 55.2573



25.8899, 23.2133, 24.2364



7.2734, 7.1658, 8.4259



14.1243, 7.0058, 13.1112



0.3161, 0.1549, 0.3771

Inverse Universe

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



27.3655, 23.8036, 32.0067



47.2459, 39.0060, 55.2573



26.7799, 32.3118, 35.3977



7.2734, 7.1658, 8.4259



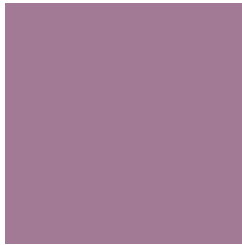
14.1243, 7.0058, 13.1112



0.3161, 0.1549, 0.3771

Previews

White Background



This preview shows how the XYZ color 27.3648, 23.8025, 32.0062 looks on a white background.

Color Contrast Check

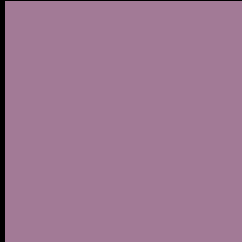
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3648, 23.8025, 32.0062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

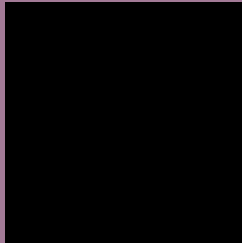
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3648, 23.8025, 32.0062

Background



This preview shows how black text looks on a background with the XYZ color 27.3648, 23.8025, 32.0062.



This preview shows how white text looks on a background with the XYZ color 27.3648, 23.8025,

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

27.3648, 23.8025, 32.0062

Protanopia

23.6793, 23.9552, 35.2741

Deuteranopia

24.4461, 24.0334, 31.3674



Tritanopia

26.1339, 23.8620, 25.7827

Trichromacy



Original Color

27.3648, 23.8025, 32.0062

Protanomaly

24.8383, 23.7844, 33.8536

Deuteranomaly

25.5384, 23.9978, 31.7198

Tritanomaly

26.6392, 23.8858, 28.0173

Monochromacy



Original Color

27.3648, 23.8025, 32.0062

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9878, 24.5665, 29.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3648, 23.8025, 32.0062 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(162, 122, 150)` looks like.

```
.text, #text, p{  
    color:rgb(162, 122, 150)  
}
```

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(162, 122, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 122, 150) }
```

Border

The CSS property to change the border of an element to XYZ 27.3648, 23.8025, 32.0062 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(162, 122, 150) }
```


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

```
.border{ border-color:rgb(162, 122, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 122, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 122, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 122, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 122,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3648, 23.8025, 32.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 122, 150) }
```

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

```
.background{ background-color: rgb(162,  
122, 150) }
```

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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