

Converting Colors

XYZ(27.1636, 23.7340, 38.7470)

Have a look what the booklet for
XYZ(27.1636, 23.7340, 38.7470)
contains.

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Color

**XYZ(27.2009, 23.7526,
38.7484)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7BA5
RGB	154, 123, 165
RGB Percent	60%, 48%, 65%
CMY	0.3961, 0.5176, 0.3529
CMYK	0.07, 0.25, 0.00, 0.35
HSL	284°, 19%, 56%
HSV	284°, 25%, 65%
XYZ	27.2009, 23.7526, 38.7484
YIQ	137.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

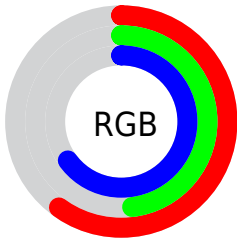
Format	Color
R_{YB}	154, 123, 165
Decimal	10124197
CIE _{Lab}	55.84, 19.85, -17.87
CIE _{LCh}	56, 26.705, 317.999
Yxy	23.7526, 0.3032, 0.2648
Android (android.graphics.Color)	4288314277 (0xFF9A7BA5)
YUV	137.0570, 13.7759, 14.8590
Hunter-Lab	48.7366, 14.3353, -13.0233

Details

The XYZ color **27.2009, 23.7526, 38.7484** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.8627, 33.4093, 23.7730**, and the grayscale version is **23.7483, 24.9851, 27.2087**.

A 20% lighter version of the original color is **54.7381, 49.7733, 74.4323**, and **10.9089, 8.9146, 16.7685** is the 20% darker color. If you saturate the color by 10%, you get **24.5164, 19.5825, 38.0853**, and if you desaturate by 10%, it is **30.2615, 28.6300, 39.5289**.

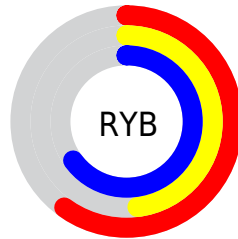
Distribution



Red (60%)

Green (48%)

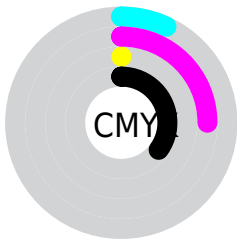
Blue (65%)



Red (60%)

Yellow (48%)

Blue (65%)

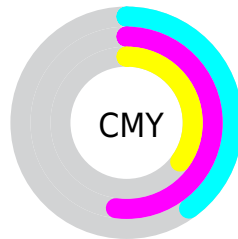


Cyan (7%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2009, 23.7526, 38.7484 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 27.2009, 23.7526, 38.7484 by changing the saturation by 10% instead.

■ 27.2009, 23.7526,
38.7484

■ 27.2009, 23.7526,
38.7484

280.7784,
271.5673, 356.2136

■ 17.8615, 15.1502,
26.2577

■ 54.6237, 49.6262,
74.4699

■ 10.9497, 8.9249,
16.7891

■ 73.4378, 67.6661,
98.5378

■ 6.1001, 4.6922,
9.9238

■ 96.1409, 89.6208,
127.3019

■ 2.9473, 2.0678,
5.2435

123.0984,
115.8744, 161.1807

■ 1.1259, 0.6464,
2.3296

154.6755,
146.8115, 200.5927

■ 0.0466, 0.0000,
0.7477

191.2376,

■ 0.0000, 0.0000,

182.8164, 245.9565

0.0000

233.1501,
224.2736, 297.6906

■ 27.2009, 23.7526,
38.7484

■ 27.2009, 23.7526,
38.7484

■ 24.5164, 19.5825,
38.0853

■ 30.2615, 28.6300,
39.5289

■ 22.1883, 16.0819,
37.5324

■ 33.7123, 34.2439,
40.4306

■ 20.1980, 13.2140,
37.0837

■ 37.5694, 40.6257,
41.4591

■ 18.5247, 10.9375,
36.7325

■ 41.8474, 47.8039,
42.6192

■ 17.1447, 9.2056,
36.4709

■ 46.5600, 55.8055,
43.9153

■ 16.0311, 7.9647,
36.2901

■ 51.7203, 64.6565,
45.3517

■ 15.1490, 7.1460,
36.1786

■ 57.3409, 74.3814,
46.9326

■ 14.7871, 6.8385,
36.1383

■ 63.4324, 85.0011,
48.6613

■ 64.5174, 85.5604,
48.7121

Harmonies

Analogous

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



24.4296, 23.7526, 45.2571



27.2009, 23.7526, 38.7484



28.7849, 23.7526, 29.4989

Triad

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



27.2009, 23.7526, 38.7484



23.8125, 23.7526, 12.7082



17.4642, 23.7526, 31.3837

Complementary

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



27.2009, 23.7526, 38.7484



26.8627, 33.4093, 23.7730

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.



17.3312, 23.7526, 22.5380



27.2009, 23.7526, 38.7484



20.8189, 23.7526, 12.9924

Square

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



27.2009, 23.7526, 38.7484



26.7144, 23.7526, 15.3167



18.5077, 23.7526, 16.2064



18.8889, 23.7526, 40.3919

Rectangle

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



27.2009, 23.7526, 38.7484



28.8683, 23.7526, 23.6038



18.5077, 23.7526, 16.2064



17.2719, 23.7526, 28.2610

Sweetspot

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



27.2016, 23.7536, 38.7489



58.6403, 58.4862, 71.9506



23.5137, 24.0342, 38.9975



12.6209, 12.4615, 15.6776



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.



27.2016, 23.7536, 38.7489



45.6971, 37.8262, 68.6450



28.5340, 24.5396, 34.3319



7.1824, 7.1084, 8.8966



11.2350, 5.1983, 27.3410



0.2765, 0.1301, 0.5764

Inverse Universe

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



26.9040, 23.8876, 25.7483



45.1570, 38.1663, 40.6748



25.8442, 32.8098, 27.0898



7.1464, 7.1150, 7.7573



12.0898, 6.1920, 2.3976



0.2723, 0.1374, 0.1464

Previews

White Background



This preview shows how the XYZ color 27.2009, 23.7526, 38.7484 looks on a white background.

Color Contrast Check

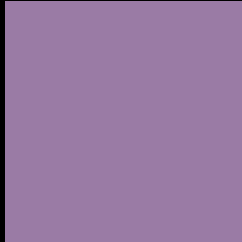
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2009, 23.7526, 38.7484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

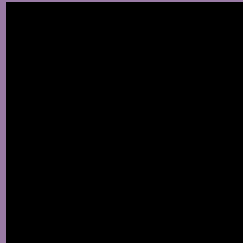
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2009, 23.7526, 38.7484

Background



This preview shows how black text looks on a background with the XYZ color 27.2009, 23.7526, 38.7484.



This preview shows how white text looks on a background with the XYZ color 27.2009, 23.7526,

38.7484.

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

27.2009, 23.7526, 38.7484

Protanopia

24.1461, 24.0387, 42.3970

Deuteranopia

24.2429, 23.7825, 37.9631



Tritanopia

24.8843, 23.7574, 27.3188

Trichromacy



Original Color

27.2009, 23.7526, 38.7484

Protanomaly

25.0034, 23.7160, 40.7959

Deuteranomaly

25.2352, 23.6941, 38.3653

Tritanomaly

25.5686, 23.6391, 31.2322

Monochromacy



Original Color

27.2009, 23.7526, 38.7484

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8454, 24.4488, 31.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2009, 23.7526, 38.7484 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(154, 123, 165)` looks like.

```
.text, #text, p{  
    color:rgb(154, 123, 165)  
}
```

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(154, 123, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 123, 165) }
```

Border

The CSS property to change the border of an element to XYZ 27.2009, 23.7526, 38.7484 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(154, 123, 165) }
```


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

```
.border{ border-color:rgb(154, 123, 165) }
```

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

Here you see how a box with a 4 pixel rgb(154, 123, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 123, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 123, 165);  
box-shadow:4px 4px 4px 4px rgb(154, 123,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2009, 23.7526, 38.7484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 123, 165) }
```

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

```
.background{ background-color: rgb(154,  
123, 165) }
```

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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