

Converting Colors

XYZ(26.4643, 21.5212, 37.3427)

Have a look what the booklet for
XYZ(26.4643, 21.5212, 37.3427)
contains.

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Color

**XYZ(26.5056, 21.5018,
37.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	9E70A3
RGB	158, 112, 163
RGB Percent	62%, 44%, 64%
CMY	0.3804, 0.5608, 0.3608
CMYK	0.03, 0.31, 0.00, 0.36
HSL	294°, 22%, 54%
HSV	294°, 31%, 64%
XYZ	26.5056, 21.5018, 37.4036
YIQ	131.5680, 11.0450, 25.6130

Conversions

Conversions Part 2

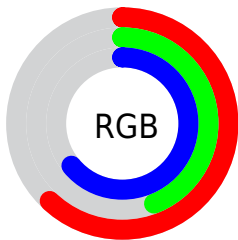
Format	Color
R _Y B	158, 112, 163
Decimal	10383523
CIE Lab	53.49, 27.12, -20.25
CIE LCh	53, 33.848, 323.249
Yxy	21.5018, 0.3103, 0.2517
Android (android.graphics.Color)	4288573603 (0xFF9E70A3)
YUV	131.5680, 15.4960, 23.1809
Hunter-Lab	46.3700, 20.8849, -15.3662

Details

The XYZ color **26.5056, 21.5018, 37.4036** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.3587, 31.1467, 20.1111**, and the grayscale version is **21.7207, 22.8519, 24.8857**.

A 20% lighter version of the original color is **53.3709, 45.7590, 72.3491**, and **10.5906, 7.7669, 15.9799** is the 20% darker color. If you saturate the color by 10%, you get **24.5553, 18.0643, 36.8432**, and if you desaturate by 10%, it is **28.7870, 25.5944, 38.0736**.

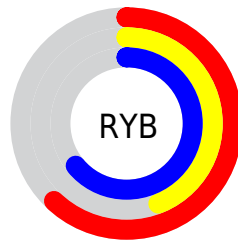
Distribution



Red (62%)

Green (44%)

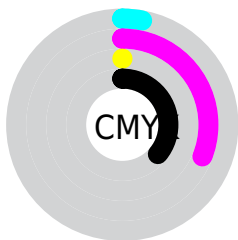
Blue (64%)



Red (62%)

Yellow (44%)

Blue (64%)

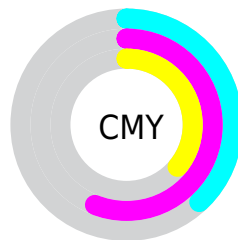


Cyan (3%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5056, 21.5018, 37.4036 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 26.5056, 21.5018, 37.4036 by changing the saturation by 10% instead.

■ 26.5056, 21.5018,
37.4036

■ 26.5056, 21.5018,
37.4036

277.4667,
259.9334, 350.2758

■ 17.3369, 13.4913,
25.2219

■ 53.5150, 45.9212,
72.3863

■ 10.5718, 7.7677,
16.0219

■ 72.0864, 63.0989,
96.0245

■ 5.8448, 3.9467,
9.3852

■ 94.5228, 84.1010,
124.3185

■ 2.7907, 1.6438,
4.8930

■ 121.1895,
109.3121, 157.6869

■ 1.0441, 0.3868,
2.1270

152.4519,
139.1165, 196.5483

■ 0.0000, 0.0000,
0.6318

188.6753,

■ 0.0000, 0.0000,

173.8986, 241.3212

0.0000

230.2251,
214.0427, 292.4242

■ 26.5056, 21.5018,
37.4036

■ 26.5056, 21.5018,
37.4036

■ 24.5553, 18.0643,
36.8432

■ 28.7870, 25.5944,
38.0736

■ 22.9163, 15.2440,
36.3852

■ 31.4136, 30.3718,
38.8573

■ 21.5702, 13.0034,
36.0237

■ 34.4013, 35.8654,
39.7602

■ 20.4955, 11.2995,
35.7514

■ 37.7645, 42.1037,
40.7871

■ 19.6678, 10.0837,
35.5604

■ 41.5165, 49.1135,
41.9424

■ 19.0584, 9.2985,
35.4409

■ 45.6702, 56.9206,
43.2304

■ 18.6473, 8.8494,
35.3759

■ 50.2379, 65.5494,
44.6551

■ 55.2312, 75.0233,
46.2206

■ 59.4683, 82.9784,
47.5328

Harmonies

Analogous

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



23.2953, 21.5018, 46.7834



26.5056, 21.5018, 37.4036



28.1178, 21.5018, 25.8227

Triad

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



26.5056, 21.5018, 37.4036



21.2622, 21.5018, 8.7188



14.7093, 21.5018, 32.1494

Complementary

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



26.5056, 21.5018, 37.4036



23.3587, 31.1467, 20.1111

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.



14.3000, 21.5018, 21.1558



26.5056, 21.5018, 37.4036



17.8223, 21.5018, 9.5040

Square

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



26.5056, 21.5018, 37.4036



24.8688, 21.5018, 10.8410



15.3732, 21.5018, 13.4335



16.5654, 21.5018, 43.1795

Rectangle

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



26.5056, 21.5018, 37.4036



27.9494, 21.5018, 19.1526



15.3732, 21.5018, 13.4335



14.4077, 21.5018, 28.2598

Sweetspot

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



26.5063, 21.5027, 37.4041



57.3380, 56.3695, 69.9145



19.6668, 18.8360, 37.2498



12.7174, 12.3665, 15.6542



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.



26.5063, 21.5027, 37.4041



44.8234, 33.8326, 66.2240



25.8268, 21.3469, 28.5879



7.2956, 7.1667, 8.9019



14.5136, 6.8885, 27.4944



0.3234, 0.1542, 0.5786

Inverse Universe

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



24.1100, 20.6602, 19.5476



39.8649, 32.1049, 28.5631



23.9723, 31.3166, 26.7557



7.1007, 7.0967, 7.5166



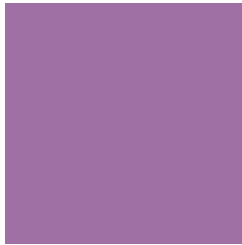
11.8198, 6.0840, 0.9757



0.2562, 0.1310, 0.0620

Previews

White Background



This preview shows how the XYZ color 26.5056, 21.5018, 37.4036 looks on a white background.

Color Contrast Check

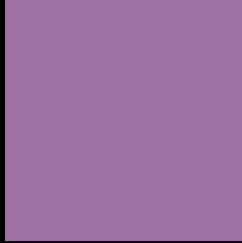
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5056, 21.5018, 37.4036 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 26.5056, 21.5018, 37.4036

Background



This preview shows how black text looks on a background with the XYZ color 26.5056, 21.5018, 37.4036.



This preview shows how white text looks on a background with the XYZ color 26.5056, 21.5018,

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

26.5056, 21.5018, 37.4036

Protanopia

22.0403, 21.5551, 43.0433

Deuteranopia

22.1182, 21.7449, 36.2891



Tritanopia

23.6300, 21.5245, 23.3313

Trichromacy



Original Color

26.5056, 21.5018, 37.4036

Protanomaly

23.2990, 21.3229, 40.9179

Deuteranomaly

23.4237, 21.4822, 36.6301

Tritanomaly

24.5707, 21.3824, 28.0315

Monochromacy



Original Color

26.5056, 21.5018, 37.4036

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.2760, 22.3131, 29.0667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5056, 21.5018, 37.4036 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(158, 112, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 112, 163)  
}
```

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(158, 112, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 112, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.5056, 21.5018, 37.4036 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(158, 112, 163) }
```


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

```
.border{ border-color:rgb(158, 112, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 112, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 112, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 112, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 112,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5056, 21.5018, 37.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 112, 163) }
```

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

```
.background{ background-color: rgb(158,  
112, 163) }
```

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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