

Converting Colors

XYZ(25.8948, 21.3057, 28.6403)

Have a look what the booklet for
XYZ(25.8948, 21.3057, 28.6403)
contains.

XYZ(26.0619, 21.4640, 28.7560)	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(26.0619, 21.4640,
28.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	A4708F
RGB	164, 112, 143
RGB Percent	64%, 44%, 56%
CMY	0.3569, 0.5608, 0.4392
CMYK	0.00, 0.32, 0.13, 0.36
HSL	324°, 22%, 54%
HSV	324°, 32%, 64%
XYZ	26.0619, 21.4640, 28.7560
YIQ	131.0820, 21.0410, 20.6650

Conversions

Conversions Part 2

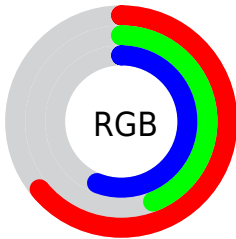
Format	Color
RYB	164, 112, 143
Decimal	10776719
CIELab	53.45, 25.46, -8.57
CIELCh	53, 26.867, 341.399
Yxy	21.4640, 0.3417, 0.2814
Android (android.graphics.Color)	4288966799 (0xFFA4708F)
YUV	131.0820, 5.8756, 28.8691
Hunter-Lab	46.3293, 19.3366, -4.3701

Details

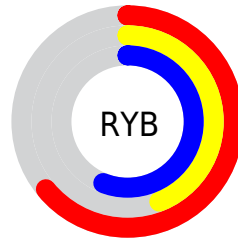
The XYZ color **26.0619, 21.4640, 28.7560** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.1920, 31.6896, 27.0333**, and the grayscale version is **21.5776, 22.7013, 24.7217**.

A 20% lighter version of the original color is **52.8687, 45.7978, 58.8767**, and **10.3088, 7.7248, 11.3036** is the 20% darker color. If you saturate the color by 10%, you get **23.9276, 17.9745, 25.6417**, and if you desaturate by 10%, it is **28.5567, 25.6264, 32.1371**.

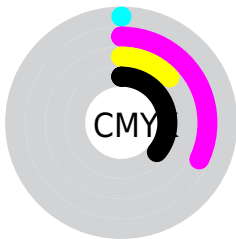
Distribution



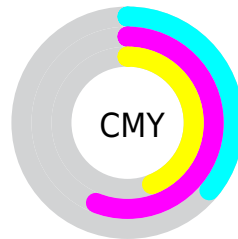
- Red (64%)
- Green (44%)
- Blue (56%)



- Red (64%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (13%)
- Black (36%)





- Cyan (36%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0619, 21.4640, 28.7560 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 26.0619, 21.4640, 28.7560 by changing the saturation by 10% instead.


 26.0619, 21.4640,
28.7560


 26.0619, 21.4640,
28.7560


275.3369,
259.7342, 310.0868


 17.0029, 13.4636,
18.6523


 52.8054, 45.8585,
58.7267

 10.3319, 7.7485,
11.2451


 71.2205, 63.0214,
79.4309

 5.6835, 3.9345,
6.1157


 93.4851, 84.0072,
104.5056

 2.6924, 1.6370,
2.8456

 119.9645,
109.2003, 134.3695

 0.9933, 0.3823,
1.0164

151.0240,
138.9852, 169.4410

 0.0000, 0.0000,
0.0000

187.0290,

173.7462, 210.1387

228.3449,
213.8678, 256.8811

■ 26.0619, 21.4640,
28.7560

■ 26.0619, 21.4640,
28.7560

■ 23.9276, 17.9745,
25.6417

■ 28.5567, 25.6264,
32.1371

■ 22.1334, 15.1191,
22.7843

■ 31.4272, 30.4922,
35.7918

■ 20.6599, 12.8592,
20.1750

■ 34.6898, 36.0934,
39.7282

■ 19.4848, 11.1510,
17.8035

■ 38.3596, 42.4592,
43.9537

■ 18.5824, 9.9446,
15.6588

■ 42.4508, 49.6173,
48.4752

■ 17.9230, 9.1806,
13.7280

■ 46.9768, 57.5938,
53.2995

■ 17.5035, 8.7700,
12.2677

■ 51.9505, 66.4137,
58.4330

■ 57.3842, 76.1011,
63.8820

■ 61.8032, 83.7059,
69.1570

Harmonies

Analogous

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



24.2530, 21.4640, 37.2677



26.0619, 21.4640, 28.7560



26.2727, 21.4640, 20.3976

Triad

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



26.0619, 21.4640, 28.7560



19.3345, 21.4640, 11.0933



16.5519, 21.4640, 35.3928

Complementary

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



26.0619, 21.4640, 28.7560



24.1920, 31.6896, 27.0333

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.



15.4764, 21.4640, 26.6194



26.0619, 21.4640, 28.7560



16.9800, 21.4640, 13.4453

Square

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



26.0619, 21.4640, 28.7560



22.2036, 21.4640, 11.4075



15.6254, 21.4640, 18.7035



18.6985, 21.4640, 41.6742

Rectangle

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



26.0619, 21.4640, 28.7560



25.4575, 21.4640, 16.0959



15.6254, 21.4640, 18.7035



16.0626, 21.4640, 32.5613

Sweetspot

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



26.0625, 21.4650, 28.7564



57.8972, 56.8033, 66.0184



22.1372, 19.2401, 37.6691



12.4940, 12.1391, 14.2314



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.



26.0625, 21.4650, 28.7564



44.5248, 34.3973, 48.1848



24.3274, 20.7709, 19.6195



7.2426, 7.1535, 8.2641



13.4448, 6.7340, 9.5328



0.3050, 0.1505, 0.3188

Inverse Universe

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



26.0625, 21.4650, 28.7564



44.5248, 34.3973, 48.1848



26.1989, 32.4924, 37.6012



7.2426, 7.1535, 8.2641



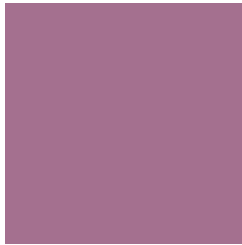
13.4448, 6.7340, 9.5328



0.3050, 0.1505, 0.3188

Previews

White Background



This preview shows how the XYZ color 26.0619, 21.4640, 28.7560 looks on a white background.

Color Contrast Check

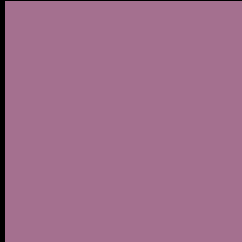
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0619, 21.4640, 28.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

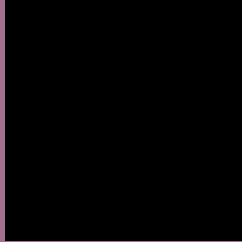
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0619, 21.4640, 28.7560

Background



This preview shows how black text looks on a background with the XYZ color 26.0619, 21.4640, 28.7560.



This preview shows how white text looks on a background with the XYZ color 26.0619, 21.4640,

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

26.0619, 21.4640, 28.7560

Protanopia

21.5075, 21.6896, 33.1899

Deuteranopia

22.1330, 21.7412, 28.2292



Tritanopia

24.6691, 21.3981, 21.8988

Trichromacy



Original Color

26.0619, 21.4640, 28.7560

Protanomaly

22.8656, 21.4923, 31.3770

Deuteranomaly

23.4530, 21.4969, 28.5044

Tritanomaly

25.2183, 21.4599, 24.2857

Monochromacy



Original Color

26.0619, 21.4640, 28.7560

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9085, 22.0042, 25.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0619, 21.4640, 28.7560 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(164, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(164, 112, 143)  
}
```

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(164, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 112, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.0619, 21.4640, 28.7560 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(164, 112, 143) }
```


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

```
.border{ border-color:rgb(164, 112, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 112, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 112, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 112, 143);  
box-shadow:4px 4px 4px 4px rgb(164, 112,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0619, 21.4640, 28.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 112, 143) }
```

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

```
.background{ background-color: rgb(164,  
112, 143) }
```

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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