

Converting Colors

XYZ(24.6340, 20.4041, 26.5794)

Have a look what the booklet for
XYZ(24.6340, 20.4041, 26.5794)
contains.

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Color

**XYZ(24.6606, 20.4604,
26.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	A06E8A
RGB	160, 110, 138
RGB Percent	63%, 43%, 54%
CMY	0.3725, 0.5686, 0.4588
CMYK	0.00, 0.31, 0.14, 0.37
HSL	326°, 21%, 53%
HSV	326°, 31%, 63%
XYZ	24.6606, 20.4604, 26.6943
YIQ	128.1420, 20.8120, 19.3080

Conversions

Conversions Part 2

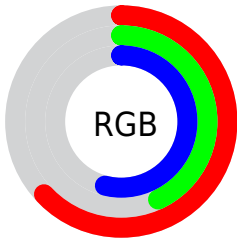
Format	Color
R _Y B	160, 110, 138
Decimal	10514058
CIE Lab	52.35, 24.27, -7.32
CIE LCh	52, 25.355, 343.212
Yxy	20.4604, 0.3434, 0.2849
Android (android.graphics.Color)	4288704138 (0xFFA06E8A)
YUV	128.1420, 4.8600, 27.9395
Hunter-Lab	45.2332, 18.1581, -3.3267

Details

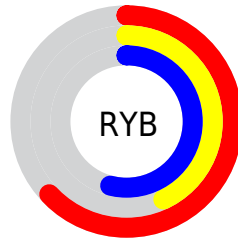
The XYZ color **24.6606, 20.4604, 26.6943** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1669, 30.1232, 26.4244**, and the grayscale version is **20.5462, 21.6162, 23.5400**.

A 20% lighter version of the original color is **50.3486, 44.0493, 55.1389**, and **9.6145, 7.2302, 10.1213** is the 20% darker color. If you saturate the color by 10%, you get **22.5944, 17.1173, 23.5718**, and if you desaturate by 10%, it is **27.0727, 24.4420, 30.0956**.

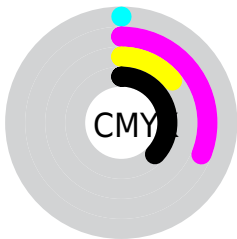
Distribution



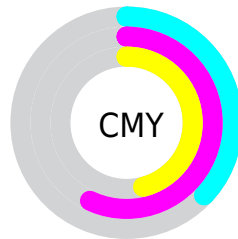
- Red (63%)
- Green (43%)
- Blue (54%)



- Red (63%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (37%)



- Cyan (37%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6606, 20.4604, 26.6943 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 24.6606, 20.4604, 26.6943 by changing the saturation by 10% instead.

 24.6606, 20.4604,
26.6943


 24.6606, 20.4604,
26.6943


268.5224,
254.3967, 299.8871


 15.9518, 12.7302,
17.1134


 50.5530, 44.1877,
55.3907

 9.5806, 7.2430,
10.1525


 68.4672, 60.9536,
75.3432

 5.1819, 3.6145,
5.3933

 90.1805, 81.5002,
99.5900

 2.3903, 1.4604,
2.4171

 116.0584,
106.2118, 128.5496

 0.8403, 0.2606,
0.7957

146.4662,
135.4729, 162.6406

 0.0000, 0.0000,
0.0000

181.7692,

169.6678, 202.2815

222.3328,
209.1809, 247.8908

■ 24.6606, 20.4604,
26.6943

■ 24.6606, 20.4604,
26.6943

■ 22.5944, 17.1173,
23.5718

■ 27.0727, 24.4420,
30.0956

■ 20.8550, 14.3762,
20.7180

■ 29.8451, 29.0905,
33.7829

■ 19.4240, 12.2008,
18.1238

■ 32.9935, 34.4362,
37.7644

■ 18.2802, 10.5502,
15.7789

■ 36.5321, 40.5065,
42.0477

■ 17.3998, 9.3776,
13.6720

■ 40.4742, 47.3274,
46.6401

■ 16.7546, 8.6279,
11.7904

■ 44.8327, 54.9235,
51.5485

■ 16.3257, 8.2050,
10.3063

■ 49.6198, 63.3185,
56.7796

■ 54.8472, 72.5349,
62.3400

■ 60.5262, 82.5943,
68.2358

Harmonies

Analogous

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



23.0912, 20.4604, 34.4866



24.6606, 20.4604, 26.6943



24.7557, 20.4604, 19.1504

Triad

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



24.6606, 20.4604, 26.6943



18.3219, 20.4604, 11.0069



16.0125, 20.4604, 33.6447

Complementary

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



24.6606, 20.4604, 26.6943



23.1669, 30.1232, 26.4244

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.



14.9573, 20.4604, 25.7286



24.6606, 20.4604, 26.6943



16.2079, 20.4604, 13.3556

Square

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



24.6606, 20.4604, 26.6943



20.9334, 20.4604, 11.1526



15.0254, 20.4604, 18.3776



18.0326, 20.4604, 39.0741

Rectangle

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



24.6606, 20.4604, 26.6943



23.9572, 20.4604, 15.2937



15.0254, 20.4604, 18.3776



15.5416, 20.4604, 31.1184

Sweetspot

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



24.6612, 20.4613, 26.6947



55.3185, 54.7272, 62.7947



21.3856, 18.5697, 35.7152



11.9673, 11.7237, 13.5596



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.6612, 20.4613, 26.6947



42.2813, 33.0975, 44.7466



23.0733, 19.8262, 18.3331



6.7807, 6.7052, 7.6965



12.7398, 6.4005, 8.1465



0.2489, 0.1229, 0.2566

Inverse Universe

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



24.6612, 20.4613, 26.6947



42.2813, 33.0975, 44.7466



25.0593, 30.8801, 36.3894



6.7807, 6.7052, 7.6965



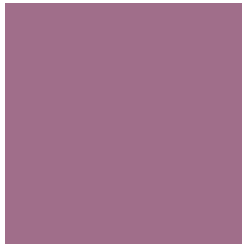
12.7398, 6.4005, 8.1465



0.2489, 0.1229, 0.2566

Previews

White Background



This preview shows how the XYZ color 24.6606, 20.4604, 26.6943 looks on a white background.

Color Contrast Check

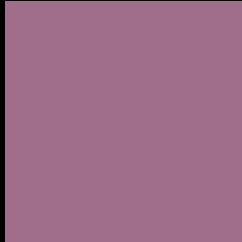
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6606, 20.4604, 26.6943 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 24.6606, 20.4604, 26.6943

Background



This preview shows how black text looks on a background with the XYZ color 24.6606, 20.4604, 26.6943.



This preview shows how white text looks on a background with the XYZ color 24.6606, 20.4604,

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

24.6606, 20.4604, 26.6943

Protanopia

20.3593, 20.5868, 30.5044

Deuteranopia

21.0763, 20.6832, 26.1740



Tritanopia

23.5185, 20.4845, 21.1267

Trichromacy



Original Color

24.6606, 20.4604, 26.6943

Protanomaly

21.6225, 20.3582, 29.1754

Deuteranomaly

22.3215, 20.6026, 26.4671

Tritanomaly

23.9885, 20.5178, 23.1181

Monochromacy



Original Color

24.6606, 20.4604, 26.6943

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.8174, 20.9161, 24.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6606, 20.4604, 26.6943 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(160, 110, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 110, 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(160, 110, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 110, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.6606, 20.4604, 26.6943 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(160, 110, 138) }
```


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

```
.border{ border-color:rgb(160, 110, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 110, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 110, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 110, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 110,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6606, 20.4604, 26.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 110, 138) }
```

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

```
.background{ background-color: rgb(160,  
110, 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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