

Converting Colors

XYZ(25.9534, 22.0953, 28.0962)

Have a look what the booklet for
XYZ(25.9534, 22.0953, 28.0962)
contains.

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Color

**XYZ(25.9534, 22.0953,
28.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	A2748D
RGB	162, 116, 141
RGB Percent	64%, 45%, 55%
CMY	0.3647, 0.5451, 0.4471
CMYK	0.00, 0.28, 0.13, 0.36
HSL	327°, 20%, 55%
HSV	327°, 28%, 64%
XYZ	25.9534, 22.0953, 28.0962
YIQ	132.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

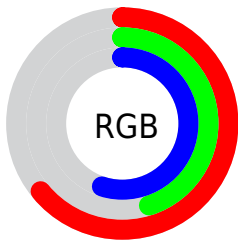
Format	Color
R_{YB}	162, 116, 141
Decimal	10646669
CIE Lab	54.13, 22.11, -6.42
CIE LCh	54, 23.018, 343.809
Yxy	22.0953, 0.3408, 0.2902
Android (android.graphics.Color)	4288836749 (0xFFA2748D)
YUV	132.6040, 4.1392, 25.7803
Hunter-Lab	47.0056, 16.2960, -2.5349

Details

The XYZ color **25.9534, 22.0953, 28.0962** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.6391, 31.3604, 28.4230**, and the grayscale version is **22.1316, 23.2842, 25.3565**.

A 20% lighter version of the original color is **52.4682, 46.6971, 57.8778**, and **10.3259, 8.0846, 10.9138** is the 20% darker color. If you saturate the color by 10%, you get **23.7143, 18.4685, 24.7248**, and if you desaturate by 10%, it is **28.5562, 26.3901, 31.7707**.

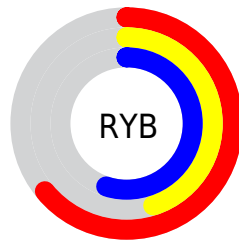
Distribution



Red (64%)

Green (45%)

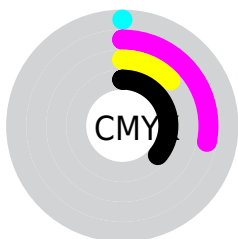
Blue (55%)



Red (64%)

Yellow (45%)

Blue (55%)

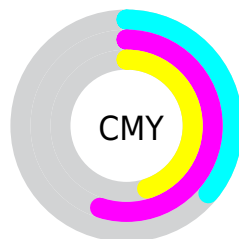


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (36%)



Cyan (36%)


Magenta (55%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9534, 22.0953, 28.0962 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 25.9534, 22.0953, 28.0962 by changing the saturation by 10% instead.


 25.9534, 22.0953,
28.0962


 25.9534, 22.0953,
28.0962


274.8141,
263.0435, 306.8527

 16.9213, 13.9269,
18.1585


 52.6316, 46.9035,
57.6629

 10.2733, 8.0699,
10.8932


 71.0084, 64.3120,
78.1291

 5.6442, 4.1397,
5.8818

 93.2308, 85.5695,
102.9418

 2.6686, 1.7520,
2.7057

119.6641,
111.0602, 132.5196

 0.9810, 0.4570,
0.9463

150.6738,
141.1686, 167.2810

 0.0000, 0.0000,
0.0000

186.6251,

176.2790, 207.6447

227.8834,
216.7759, 254.0291

■ 25.9534, 22.0953,
28.0962

■ 25.9534, 22.0953,
28.0962

■ 23.7143, 18.4685,
24.7248

■ 28.5562, 26.3901,
31.7707

■ 21.8194, 15.4725,
21.6457

■ 31.5371, 31.3816,
35.7558

■ 20.2502, 13.0714,
18.8494

■ 34.9121, 37.1003,
40.0604

■ 18.9854, 11.2238,
16.3250

■ 38.6958, 43.5742,
44.6924

■ 18.0012, 9.8836,
14.0609

■ 42.9017, 50.8296,
49.6598

■ 17.2701, 8.9966,
12.0437

■ 47.5430, 58.8917,
54.9699

■ 16.7414, 8.4631,
10.2525

■ 52.6322, 67.7844,
60.6298

■ 16.6634, 8.3867,
9.9814

■ 58.1813, 77.5308,
66.6465

■ 61.9923, 83.7342,
72.2903

Harmonies

Analogous

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



24.5003, 22.0953, 35.3981



25.9534, 22.0953, 28.0962



26.0129, 22.0953, 20.9252

Triad

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



25.9534, 22.0953, 28.0962



19.8765, 22.0953, 13.0299



17.7255, 22.0953, 34.8783

Complementary

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



25.9534, 22.0953, 28.0962



24.6391, 31.3604, 28.4230

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.



16.6780, 22.0953, 27.4889



25.9534, 22.0953, 28.0962



17.8517, 22.0953, 15.4424

Square

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



25.9534, 22.0953, 28.0962



22.3673, 22.0953, 13.1283



16.7223, 22.0953, 20.4266



19.6914, 22.0953, 39.8125

Rectangle

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



25.9534, 22.0953, 28.0962



25.2448, 22.0953, 17.1939



16.7223, 22.0953, 20.4266



17.2615, 22.0953, 32.5418

Sweetspot

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



25.9540, 22.0963, 28.0967



56.8065, 56.2186, 64.3280



23.0353, 20.3937, 36.9049



12.5809, 12.3278, 14.2145



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.



25.9540, 22.0963, 28.0967



44.4993, 35.8569, 47.1154



24.4344, 21.4884, 20.0943



7.2272, 7.1473, 8.1828



13.1497, 6.6160, 7.9791



0.2998, 0.1484, 0.2914

Inverse Universe

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



25.9540, 22.0963, 28.0967



44.4993, 35.8569, 47.1154



26.4424, 32.0817, 37.9193



7.2272, 7.1473, 8.1828



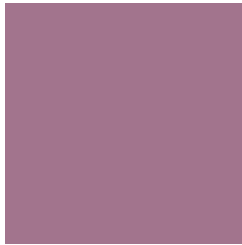
13.1497, 6.6160, 7.9791



0.2998, 0.1484, 0.2914

Previews

White Background



This preview shows how the XYZ color 25.9534, 22.0953, 28.0962 looks on a white background.

Color Contrast Check

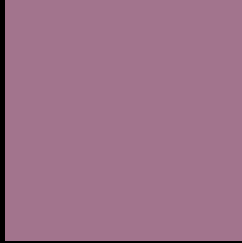
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9534, 22.0953, 28.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

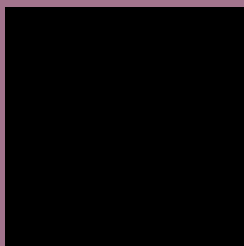
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9534, 22.0953, 28.0962

Background



This preview shows how black text looks on a background with the XYZ color 25.9534, 22.0953, 28.0962.



This preview shows how white text looks on a background with the XYZ color 25.9534, 22.0953,

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

25.9534, 22.0953, 28.0962

Protanopia

21.8793, 22.3061, 31.5861

Deuteranopia

22.6023, 22.1891, 27.5177



Tritanopia

24.8064, 21.9628, 23.0105

Trichromacy



Original Color

25.9534, 22.0953, 28.0962

Protanomaly

23.0434, 21.9796, 30.2221

Deuteranomaly

23.7258, 22.0156, 27.8099

Tritanomaly

25.2241, 21.9656, 24.7401

Monochromacy



Original Color

25.9534, 22.0953, 28.0962

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5349, 22.8856, 26.4695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9534, 22.0953, 28.0962 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, 116, 141)` looks like.

```
.text, #text, p{  
    color:rgb(162, 116, 141)  
}
```

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, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 116, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.9534, 22.0953, 28.0962 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, 116, 141) }
```


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

```
.border{ border-color:rgb(162, 116, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 116, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 116, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 116, 141); box-shadow:4px 4px 4px 4px rgb(162, 116, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9534, 22.0953, 28.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 116, 141) }
```

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

```
.background{ background-color: rgb(162,  
116, 141) }
```

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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