

Converting Colors

XYZ(27.4648, 22.9558, 35.6633)

Have a look what the booklet for
XYZ(27.4648, 22.9558, 35.6633)
contains.

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Color

**XYZ(27.5196, 22.9072,
35.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	A2759F
RGB	162, 117, 159
RGB Percent	64%, 46%, 62%
CMY	0.3647, 0.5412, 0.3765
CMYK	0.00, 0.28, 0.02, 0.36
HSL	304°, 19%, 55%
HSV	304°, 28%, 64%
XYZ	27.5196, 22.9072, 35.7720
YIQ	135.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

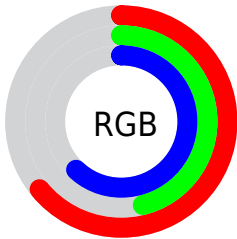
Format	Color
R_{YB}	162, 117, 159
Decimal	10646943
CIE _{Lab}	54.98, 24.85, -15.63
CIE _{LCh}	55, 29.353, 327.826
Yxy	22.9072, 0.3193, 0.2657
Android (android.graphics.Color)	4288837023 (0xFFA2759F)
YUV	135.2430, 11.7122, 23.4659
Hunter-Lab	47.8615, 18.8772, -10.8107

Details

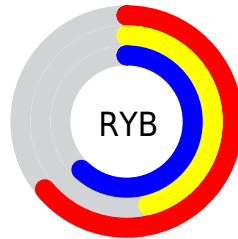
The XYZ color **27.5196, 22.9072, 35.7720** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.6476, 30.9793, 22.5039**, and the grayscale version is **23.0744, 24.2760, 26.4366**.

A 20% lighter version of the original color is **55.1276, 48.3562, 70.0465**, and **11.1514, 8.5108, 14.9649** is the 20% darker color. If you saturate the color by 10%, you get **25.6999, 19.4167, 34.7052**, and if you desaturate by 10%, it is **29.6682, 27.0534, 36.9530**.

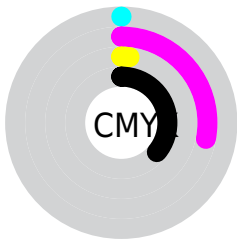
Distribution



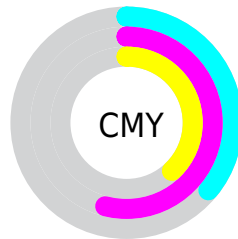
- Red (64%)
- Green (46%)
- Blue (62%)



- Red (64%)
- Yellow (46%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5196, 22.9072, 35.7720 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 27.5196, 22.9072, 35.7720 by changing the saturation by 10% instead.

■ 27.5196, 22.9072,
35.7720

■ 27.5196, 22.9072,
35.7720

282.2861,
267.2480, 342.9701

■ 18.1024, 14.5250,
23.9699

■ 55.1306, 48.2409,
69.8451

■ 11.1237, 8.4867,
15.0993

■ 74.0551, 65.9612,
92.9531

■ 6.2180, 4.4079,
8.7417

■ 96.8794, 87.5630,
120.6669

■ 3.0200, 1.9043,
4.4786

123.9690,
113.4306, 153.4048

■ 1.1644, 0.5509,
1.8914

155.6890,
143.9486, 191.5856

■ 0.0779, 0.0000,
0.4872

192.4050,

■ 0.0000, 0.0000,

179.5012, 235.6277

0.0000

234.4823,
220.4729, 285.9497

■ 27.5196, 22.9072,
35.7720

■ 27.5196, 22.9072,
35.7720

■ 25.6999, 19.4167,
34.7052

■ 29.6682, 27.0534,
36.9530

■ 24.1901, 16.5451,
33.7455

■ 32.1592, 31.8834,
38.2519

■ 22.9726, 14.2569,
32.8873

■ 35.0079, 37.4275,
39.6740

■ 22.0271, 12.5115,
32.1237

■ 38.2281, 43.7132,
41.2241

■ 21.3309, 11.2632,
31.4472

■ 41.8327, 50.7665,
42.9065

■ 20.8574, 10.4590,
30.8490

■ 45.8343, 58.6124,
44.7252

■ 20.5613, 10.0084,
30.3139

■ 50.2446, 67.2744,
46.6843

■ 20.5026, 9.9223,
30.1978

■ 55.0750, 76.7753,
48.7875

■ 57.7958, 82.0556,
50.1916

Harmonies

Analogous

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



24.8309, 22.9072, 44.4199



27.5196, 22.9072, 35.7720



28.6546, 22.9072, 25.6292

Triad

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



27.5196, 22.9072, 35.7720



22.0112, 22.9072, 10.9623



16.6873, 22.9072, 34.2929

Complementary

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



27.5196, 22.9072, 35.7720



23.6476, 30.9793, 22.5039

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.



16.0914, 22.9072, 24.2673



27.5196, 22.9072, 35.7720



18.9764, 22.9072, 12.1983

Square

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



27.5196, 22.9072, 35.7720



25.2831, 22.9072, 12.6259



16.8872, 22.9072, 16.5535



18.6031, 22.9072, 43.4270

Rectangle

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



27.5196, 22.9072, 35.7720



28.3002, 22.9072, 19.8413



16.8872, 22.9072, 16.5535



16.3349, 22.9072, 30.8497

Sweetspot

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



27.5203, 22.9082, 35.7725



58.2005, 57.5282, 69.3502



20.6297, 19.3255, 36.8258



12.9156, 12.6177, 15.4959



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.



27.5203, 22.9082, 35.7725



47.9563, 37.7379, 63.7836



25.7420, 22.1969, 26.4080



7.3438, 7.1940, 8.7971



16.1585, 7.8195, 23.8233



0.3452, 0.1666, 0.5304

Inverse Universe

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



27.5203, 22.9082, 35.7725



47.9563, 37.7379, 63.7836



25.1774, 31.5913, 30.5601



7.3438, 7.1940, 8.7971



16.1585, 7.8195, 23.8233



0.3452, 0.1666, 0.5304

Previews

White Background



This preview shows how the XYZ color 27.5196, 22.9072, 35.7720 looks on a white background.

Color Contrast Check

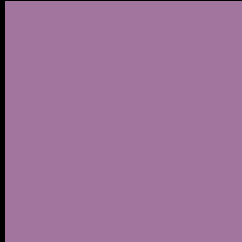
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5196, 22.9072, 35.7720 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 27.5196, 22.9072, 35.7720

Background



This preview shows how black text looks on a background with the XYZ color 27.5196, 22.9072, 35.7720.



This preview shows how white text looks on a background with the XYZ color 27.5196, 22.9072,

35.7720.

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

27.5196, 22.9072, 35.7720

Protanopia

23.0766, 22.9300, 40.2555

Deuteranopia

23.4518, 23.0404, 35.1095



Tritanopia

25.2249, 22.8541, 24.9116

Trichromacy



Original Color

27.5196, 22.9072, 35.7720

Protanomaly

24.4417, 22.7022, 38.6911

Deuteranomaly

24.8329, 22.9755, 35.4736

Tritanomaly

25.8970, 22.7569, 28.6188

Monochromacy



Original Color

27.5196, 22.9072, 35.7720

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.4303, 23.4717, 29.6284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5196, 22.9072, 35.7720 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, 117, 159)` looks like.

```
.text, #text, p{  
    color:rgb(162, 117, 159)  
}
```

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, 117, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 117, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.5196, 22.9072, 35.7720 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, 117, 159) }
```


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

```
.border{ border-color:rgb(162, 117, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 117, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 117, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 117, 159); box-shadow:4px 4px 4px 4px rgb(162, 117, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5196, 22.9072, 35.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 117, 159) }
```

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

```
.background{ background-color: rgb(162,  
117, 159) }
```

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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