

Converting Colors

XYZ(29.5545, 25.4763, 41.2947)

Have a look what the booklet for
XYZ(29.5545, 25.4763, 41.2947)
contains.

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Color

**XYZ(29.6168, 25.5054,
41.3923)**

Conversions

Conversions Part 1

Format	Color
Hex	A27EAA
RGB	162, 126, 170
RGB Percent	64%, 49%, 67%
CMY	0.3647, 0.5059, 0.3333
CMYK	0.05, 0.26, 0.00, 0.33
HSL	289°, 21%, 58%
HSV	289°, 26%, 67%
XYZ	29.6168, 25.5054, 41.3923
YIQ	141.7800, 7.3320, 21.3160

Conversions

Conversions Part 2

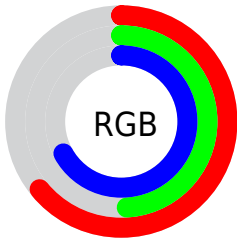
Format	Color
R_{YB}	162, 126, 170
Decimal	10649258
CIE Lab	57.56, 21.89, -18.05
CIE LCh	58, 28.369, 320.494
Yxy	25.5054, 0.3069, 0.2643
Android (android.graphics.Color)	4288839338 (0xFFA27EAA)
YUV	141.7800, 13.9125, 17.7329
Hunter-Lab	50.5029, 16.2991, -13.2422

Details

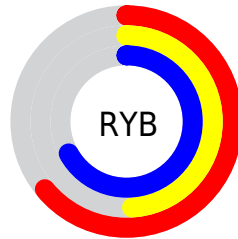
The XYZ color **29.6168, 25.5054, 41.3923** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.9732, 35.3249, 25.0840**, and the grayscale version is **25.5697, 26.9013, 29.2956**.

A 20% lighter version of the original color is **58.3260, 52.4282, 78.2797**, and **12.3543, 9.9308, 18.4052** is the 20% darker color. If you saturate the color by 10%, you get **27.0050, 21.2021, 40.6997**, and if you desaturate by 10%, it is **32.6150, 30.5576, 42.2098**.

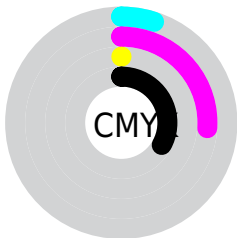
Distribution



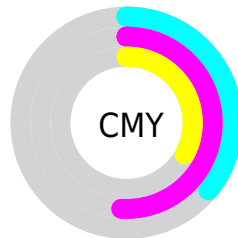
- Red (64%)
- Green (49%)
- Blue (67%)



- Red (64%)
- Yellow (49%)
- Blue (67%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6168, 25.5054, 41.3923 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 29.6168, 25.5054, 41.3923 by changing the saturation by 10% instead.

■ 29.6168, 25.5054,
41.3923

■ 29.6168, 25.5054,
41.3923

292.0562,
280.3456, 367.6826

■ 19.6945, 16.4540,
28.3037

■ 58.4464, 52.4760,
78.5392

■ 12.2802, 9.8460,
18.3137

■ 78.0845, 71.1639,
103.4346

■ 7.0083, 5.2970,
11.0037

■ 101.6919, 93.8328,
133.1027

■ 3.5137, 2.4225,
5.9551

129.6340,
120.8670, 167.9621

■ 1.4309, 0.8374,
2.7495

162.2761,
152.6511, 208.4312

■ 0.2781, 0.0000,
0.9682

199.9836,

■ 0.0000, 0.0000,

189.5692, 254.9286

0.0000

243.1218,
232.0059, 307.8729

■ 29.6168, 25.5054,
41.3923

■ 29.6168, 25.5054,
41.3923

■ 27.0050, 21.2021,
40.6997

■ 32.6150, 30.5576,
42.2098

■ 24.7585, 17.6071,
40.1242

■ 36.0148, 36.3903,
43.1565

■ 22.8576, 14.6808,
39.6596

■ 39.8331, 43.0370,
44.2382

■ 21.2799, 12.3784,
39.2983

■ 44.0856, 50.5285,
45.4600

■ 20.0001, 10.6495,
39.0321

■ 48.7868, 58.8938,
46.8269

■ 18.9889, 9.4360,
38.8511

■ 53.9505, 68.1607,
48.3435

■ 18.2083, 8.6614,
38.7428

■ 59.5903, 78.3557,
50.0140

■ 17.9182, 8.3990,
38.7074

■ 63.4433, 84.9531,
51.0844

■ 64.2063, 85.3464,
51.1201

Harmonies

Analogous

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



26.5922, 25.5054, 49.1384



29.6168, 25.5054, 41.3923



31.2422, 25.5054, 30.9637

Triad

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



29.6168, 25.5054, 41.3923



25.3327, 25.5054, 13.1487



18.6438, 25.5054, 34.8192

Complementary

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



29.6168, 25.5054, 41.3923



27.9732, 35.3249, 25.0840

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.



18.3745, 25.5054, 24.8057



29.6168, 25.5054, 41.3923



22.0347, 25.5054, 13.7177

Square

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



29.6168, 25.5054, 41.3923



28.6214, 25.5054, 15.7320



19.5605, 25.5054, 17.5233



20.3340, 25.5054, 44.7723

Rectangle

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



29.6168, 25.5054, 41.3923



31.2192, 25.5054, 24.5136



19.5605, 25.5054, 17.5233



18.3907, 25.5054, 31.3050

Sweetspot

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



29.6176, 25.5065, 41.3929



63.8819, 63.5018, 77.8920



24.3953, 24.4078, 41.4560



14.0378, 13.8031, 17.3121



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.6176, 25.5065, 41.3929



50.9607, 41.6791, 74.3608



30.0457, 25.8715, 34.8930



7.7062, 7.5966, 9.4785



13.2236, 6.2004, 28.4753



0.3555, 0.1683, 0.6944

Inverse Universe

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



28.3424, 25.1902, 25.9241



48.3266, 41.0513, 41.2521



27.7086, 35.0773, 30.0965



7.5848, 7.5638, 8.1305



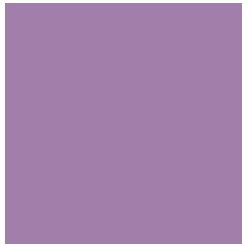
12.3913, 6.3652, 1.6059



0.3170, 0.1611, 0.1209

Previews

White Background



This preview shows how the XYZ color 29.6168, 25.5054, 41.3923 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 29.6168, 25.5054, 41.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

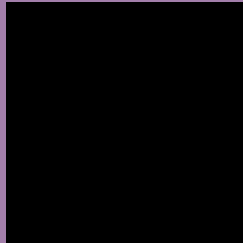
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6168, 25.5054, 41.3923

Background



This preview shows how black text looks on a background with the XYZ color 29.6168, 25.5054, 41.3923.



This preview shows how white text looks on a background with the XYZ color 29.6168, 25.5054,

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

29.6168, 25.5054, 41.3923

Protanopia

25.8836, 25.6949, 45.7149

Deuteranopia

26.0484, 25.4735, 40.5898



Tritanopia

27.0993, 25.4547, 29.0761

Trichromacy



Original Color

29.6168, 25.5054, 41.3923

Protanomaly

26.9406, 25.4457, 44.0490

Deuteranomaly

27.2668, 25.4781, 41.0168

Tritanomaly

27.8158, 25.3384, 33.1305

Monochromacy



Original Color

29.6168, 25.5054, 41.3923

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.8661, 26.2649, 33.3594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6168, 25.5054, 41.3923 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, 126, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 126, 170)  
}
```

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, 126, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 126, 170) }
```

Border

The CSS property to change the border of an element to XYZ 29.6168, 25.5054, 41.3923 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, 126, 170) }
```


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

```
.border{ border-color:rgb(162, 126, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 126, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 126, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 126, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 126,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6168, 25.5054, 41.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 126, 170) }
```

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

```
.background{ background-color: rgb(162,  
126, 170) }
```

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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