

Converting Colors

XYZ(29.7503, 25.2100, 39.1545)

Have a look what the booklet for
XYZ(29.7503, 25.2100, 39.1545)
contains.

XYZ(29.8165, 25.2755, 39.3835)	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(29.8165, 25.2755,
39.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	A67CA6
RGB	166, 124, 166
RGB Percent	65%, 49%, 65%
CMY	0.3490, 0.5137, 0.3490
CMYK	0.00, 0.25, 0.00, 0.35
HSL	300°, 19%, 57%
HSV	300°, 25%, 65%
XYZ	29.8165, 25.2755, 39.3835
YIQ	141.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

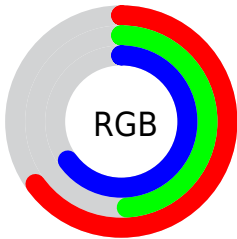
Format	Color
RYB	166, 124, 166
Decimal	10910886
CIELab	57.34, 23.60, -16.05
CIELCh	57, 28.542, 325.791
Yxy	25.2755, 0.3156, 0.2675
Android (android.graphics.Color)	4289100966 (0xFFA67CA6)
YUV	141.3460, 12.1544, 21.6216
Hunter-Lab	50.2747, 17.8824, -11.2534

Details

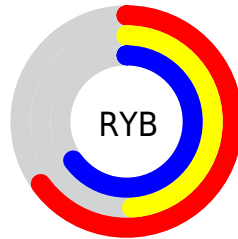
The XYZ color **29.8165, 25.2755, 39.3835** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.5876, 33.0136, 24.0939**, and the grayscale version is **25.4045, 26.7275, 29.1063**.

A 20% lighter version of the original color is **58.8975, 52.1943, 75.3769**, and **12.3634, 9.7578, 17.1514** is the 20% darker color. If you saturate the color by 10%, you get **27.9090, 21.4601, 38.7478**, and if you desaturate by 10%, it is **32.0758, 29.7935, 40.1370**.

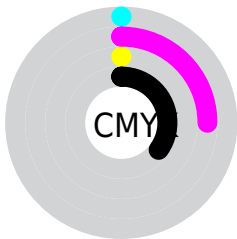
Distribution



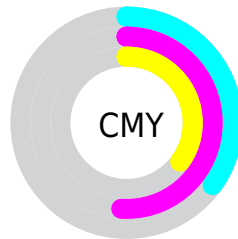
- Red (65%)
- Green (49%)
- Blue (65%)



- Red (65%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8165, 25.2755, 39.3835 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 29.8165, 25.2755, 39.3835 by changing the saturation by 10% instead.

■ 29.8165, 25.2755,
39.3835

■ 29.8165, 25.2755,
39.3835

292.9734,
279.2072, 358.9928

■ 19.8467, 16.2824,
26.7481

■ 58.7605, 52.1038,
75.4506

■ 12.3913, 9.7242,
17.1533

■ 78.4654, 70.7078,
99.7193

■ 7.0848, 5.2165,
10.1808

■ 102.1461, 93.2843,
128.7030

■ 3.5620, 2.3748,
5.4118

130.1679,
120.2176, 162.8200

■ 1.4575, 0.8129,
2.4279

162.8962,
151.8922, 202.4889

■ 0.2966, 0.0000,
0.8016

200.6963,

■ 0.0000, 0.0000,

188.6924, 248.1283

0.0000

243.9336,
231.0026, 300.1568

■ 29.8165, 25.2755,
39.3835

■ 29.8165, 25.2755,
39.3835

■ 27.9090, 21.4601,
38.7478

■ 32.0758, 29.7935,
40.1370

■ 26.3334, 18.3089,
38.2225

■ 34.7007, 35.0434,
41.0121

■ 25.0715, 15.7851,
37.8018

■ 37.7075, 41.0569,
42.0144

■ 24.1022, 13.8466,
37.4786

■ 41.1104, 47.8627,
43.1488

■ 23.4021, 12.4464,
37.2451

■ 44.9232, 55.4882,
44.4199

■ 22.9440, 11.5303,
37.0923

■ 49.1588, 63.9594,
45.8318

■ 22.6937, 11.0297,
37.0088

■ 53.8297, 73.3012,
47.3889

■ 22.6090, 10.8603,
36.9805

■ 58.3693, 82.3804,
48.9022

■ 58.3693, 82.3804,
48.9023

Harmonies

Analogous

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



26.9673, 25.2755, 47.9406



29.8165, 25.2755, 39.3835



31.1148, 25.2755, 28.9113

Triad

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



29.8165, 25.2755, 39.3835



24.5044, 25.2755, 12.8054



18.6282, 25.2755, 36.4509

Complementary

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



29.8165, 25.2755, 39.3835



25.5876, 33.0136, 24.0939

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.



18.1011, 25.2755, 26.1755



29.8165, 25.2755, 39.3835



21.3023, 25.2755, 13.9207

Square

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



29.8165, 25.2755, 39.3835



27.8707, 25.2755, 14.8073



19.0343, 25.2755, 18.3170



20.5479, 25.2755, 45.9875

Rectangle

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



29.8165, 25.2755, 39.3835



30.8446, 25.2755, 22.7547



19.0343, 25.2755, 18.3170



18.2905, 25.2755, 32.9097

Sweetspot

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



29.8173, 25.2766, 39.3840



61.5508, 60.7460, 73.9562



22.4039, 21.4549, 39.0374



13.6144, 13.2749, 16.4968



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.8173, 25.2766, 39.3840



52.2164, 42.0774, 70.8443



28.0453, 24.5678, 30.0530



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6761



0.4266, 0.2049, 0.6977

Inverse Universe

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



29.8173, 25.2766, 39.3840



52.2164, 42.0774, 70.8443



27.0602, 33.6027, 31.8488



7.8419, 7.6666, 9.4848



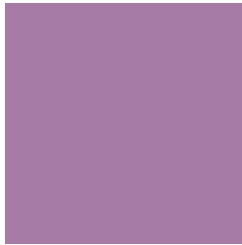
17.5319, 8.4215, 28.6761



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 29.8165, 25.2755, 39.3835 looks on a white background.

Color Contrast Check

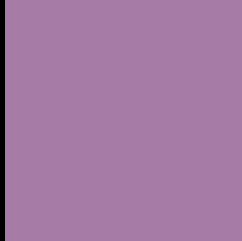
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8165, 25.2755, 39.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

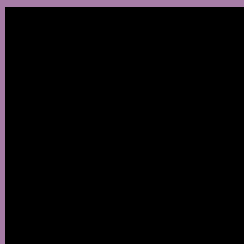
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8165, 25.2755, 39.3835

Background



This preview shows how black text looks on a background with the XYZ color 29.8165, 25.2755, 39.3835.



This preview shows how white text looks on a background with the XYZ color 29.8165, 25.2755,

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

29.8165, 25.2755, 39.3835

Protanopia

25.4441, 25.2927, 44.0984

Deuteranopia

26.0123, 25.4972, 38.6724



Tritanopia

27.4107, 25.2460, 27.8544

Trichromacy



Original Color

29.8165, 25.2755, 39.3835

Protanomaly

26.8530, 25.2319, 42.4847

Deuteranomaly

27.3023, 25.3388, 39.0492

Tritanomaly

28.1184, 25.1352, 31.8033

Monochromacy



Original Color

29.8165, 25.2755, 39.3835

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.7467, 26.0140, 32.4657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8165, 25.2755, 39.3835 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(166, 124, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 124, 166)  
}
```

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(166, 124, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 124, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.8165, 25.2755, 39.3835 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(166, 124, 166) }
```


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

```
.border{ border-color:rgb(166, 124, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 124, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 124, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 124, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 124,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8165, 25.2755, 39.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 124, 166) }
```

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

```
.background{ background-color: rgb(166,  
124, 166) }
```

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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