

Converting Colors

XYZ(29.3975, 25.8784, 37.8239)

Have a look what the booklet for
XYZ(29.3975, 25.8784, 37.8239)
contains.

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Color

**XYZ(29.3450, 25.8335,
37.6221)**

Conversions

Conversions Part 1

Format	Color
Hex	A380A2
RGB	163, 128, 162
RGB Percent	64%, 50%, 64%
CMY	0.3608, 0.4980, 0.3647
CMYK	0.00, 0.21, 0.01, 0.36
HSL	302°, 16%, 57%
HSV	302°, 21%, 64%
XYZ	29.3450, 25.8335, 37.6221
YIQ	142.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

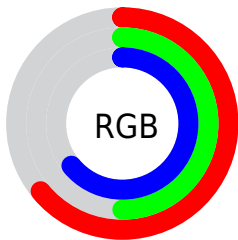
Format	Color
R_{YB}	163, 128, 162
Decimal	10715298
CIE _{Lab}	57.88, 19.49, -12.97
CIE _{LCh}	58, 23.412, 326.371
Yxy	25.8335, 0.3162, 0.2784
Android (android.graphics.Color)	4288905378 (0xFFA380A2)
YUV	142.3410, 9.6919, 18.1179
Hunter-Lab	50.8267, 14.1111, -8.3080

Details

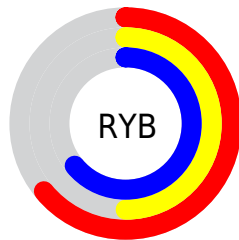
The XYZ color **29.3450, 25.8335, 37.6221** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.9627, 32.3693, 25.6498**, and the grayscale version is **25.8069, 27.1508, 29.5673**.

A 20% lighter version of the original color is **57.9617, 52.9629, 72.8136**, and **12.0944, 9.9541, 16.0357** is the 20% darker color. If you saturate the color by 10%, you get **27.3463, 21.9018, 36.7522**, and if you desaturate by 10%, it is **31.6870, 30.4506, 38.6078**.

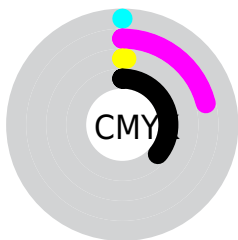
Distribution



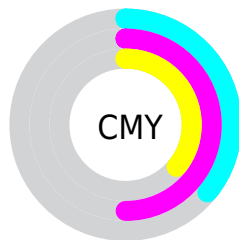
- Red (64%)
- Green (50%)
- Blue (64%)



- Red (64%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3450, 25.8335, 37.6221 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 29.3450, 25.8335, 37.6221 by changing the saturation by 10% instead.

■ 29.3450, 25.8335,
37.6221

■ 29.3450, 25.8335,
37.6221

290.8042,
281.9638, 351.2455

■ 19.4876, 16.6991,
25.3900

■ 58.0185, 53.0062,
72.7255

■ 12.1292, 10.0202,
16.1462

■ 77.5654, 71.8133,
96.4339

■ 6.9045, 5.4124,
9.4722

■ 101.0727, 94.6135,
124.8048

■ 3.4483, 2.4912,
4.9494

128.9059,
121.7911, 158.2567

■ 1.3950, 0.8722,
2.1594

161.4302,
153.7306, 197.2082

■ 0.2527, 0.0000,
0.6508

199.0112,

■ 0.0000, 0.0000,

190.8162, 242.0778

0.0000

242.0141,
233.4325, 293.2841

■ 29.3450, 25.8335,
37.6221

■ 29.3450, 25.8335,
37.6221

■ 27.3463, 21.9018,
36.7522

■ 31.6870, 30.4506,
38.6078

■ 25.6722, 18.6196,
35.9910

■ 34.3851, 35.7801,
39.7126

■ 24.3060, 15.9528,
35.3331

■ 37.4543, 41.8517,
40.9419

■ 23.2283, 13.8628,
34.7722

■ 40.9082, 48.6923,
42.3002

■ 22.4177, 12.3068,
34.3010

■ 44.7596, 56.3277,
43.7918

■ 21.8498, 11.2358,
33.9115

■ 49.0206, 64.7822,
45.4206

■ 21.4956, 10.5923,
33.5941

■ 53.7031, 74.0793,
47.1907

■ 21.3055, 10.2671,
33.3612

■ 57.7225, 82.0498,
48.7406

■ 57.7652, 82.0669,
48.9656

Harmonies

Analogous

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



27.0389, 25.8335, 44.4385



29.3450, 25.8335, 37.6221



30.3651, 25.8335, 29.1215

Triad

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



29.3450, 25.8335, 37.6221



24.8984, 25.8335, 15.3150



20.0144, 25.8335, 35.5954

Complementary

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



29.3450, 25.8335, 37.6221



25.9627, 32.3693, 25.6498

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.



19.5360, 25.8335, 27.1579



29.3450, 25.8335, 37.6221



22.2261, 25.8335, 16.3949

Square

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



29.3450, 25.8335, 37.6221



27.6770, 25.8335, 17.0895



20.3150, 25.8335, 20.3832



21.6751, 25.8335, 43.1200

Rectangle

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



29.3450, 25.8335, 37.6221



30.1253, 25.8335, 23.9792



20.3150, 25.8335, 20.3832



19.7157, 25.8335, 32.7303

Sweetspot

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



29.3458, 25.8346, 37.6227



59.2566, 59.4869, 70.1758



23.3213, 22.7186, 37.8068



13.2425, 13.2295, 15.7340



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.



29.3458, 25.8346, 37.6227



50.6860, 42.5880, 66.5720



27.9287, 25.2678, 30.1605



7.3555, 7.1987, 8.8587



16.5611, 7.9805, 25.9432



0.3505, 0.1687, 0.5584

Inverse Universe

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



29.3458, 25.8346, 37.6227



50.6860, 42.5880, 66.5720



27.1950, 32.8622, 32.1388



7.3555, 7.1987, 8.8587



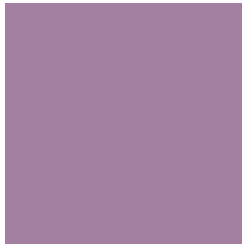
16.5611, 7.9805, 25.9432



0.3505, 0.1687, 0.5584

Previews

White Background



This preview shows how the XYZ color 29.3450, 25.8335, 37.6221 looks on a white background.

Color Contrast Check

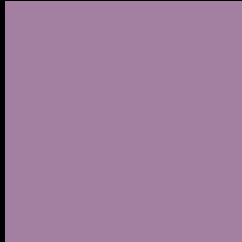
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3450, 25.8335, 37.6221 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 29.3450, 25.8335, 37.6221

Background



This preview shows how black text looks on a background with the XYZ color 29.3450, 25.8335, 37.6221.



This preview shows how white text looks on a background with the XYZ color 29.3450, 25.8335,

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

29.3450, 25.8335, 37.6221

Protanopia

25.9228, 26.0281, 41.1938

Deuteranopia

26.5649, 26.0212, 37.3407



Tritanopia

27.6310, 25.9291, 29.1397

Trichromacy



Original Color

29.3450, 25.8335, 37.6221

Protanomaly

26.9096, 25.7327, 39.6250

Deuteranomaly

27.3982, 25.8323, 37.2603

Tritanomaly

28.2391, 25.9796, 31.9600

Monochromacy



Original Color

29.3450, 25.8335, 37.6221

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.9482, 26.5453, 32.1372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3450, 25.8335, 37.6221 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(163, 128, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 128, 162)  
}
```

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(163, 128, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 128, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.3450, 25.8335, 37.6221 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(163, 128, 162) }
```


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

```
.border{ border-color:rgb(163, 128, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 128, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 128, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 128, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 128,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3450, 25.8335, 37.6221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 128, 162) }
```

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

```
.background{ background-color: rgb(163,  
128, 162) }
```

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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