

Converting Colors

XYZ(30.5727, 25.7377, 44.0614)

Have a look what the booklet for
XYZ(30.5727, 25.7377, 44.0614)
contains.

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Color

**XYZ(30.5885, 25.7617,
43.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	A57DAF
RGB	165, 125, 175
RGB Percent	65%, 49%, 69%
CMY	0.3529, 0.5098, 0.3137
CMYK	0.06, 0.29, 0.00, 0.31
HSL	288°, 24%, 59%
HSV	288°, 29%, 69%
XYZ	30.5885, 25.7617, 43.9178
YIQ	142.6600, 7.7900, 24.0300

Conversions

Conversions Part 2

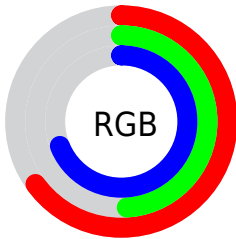
Format	Color
RYB	165, 125, 175
Decimal	10845615
CIELab	57.81, 24.50, -20.51
CIELCh	58, 31.951, 320.059
Yxy	25.7617, 0.3051, 0.2569
Android (android.graphics.Color)	4289035695 (0xFFA57DAF)
YUV	142.6600, 15.9436, 19.5922
Hunter-Lab	50.7560, 18.7515, -15.7729

Details

The XYZ color **30.5885, 25.7617, 43.9178** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.0243, 37.2922, 25.0717**, and the grayscale version is **25.9100, 27.2594, 29.6855**.

A 20% lighter version of the original color is **60.1630, 52.9825, 82.6570**, and **12.7110, 9.8820, 19.6498** is the 20% darker color. If you saturate the color by 10%, you get **27.8474, 21.3451, 43.2102**, and if you desaturate by 10%, it is **33.7415, 30.9714, 44.7576**.

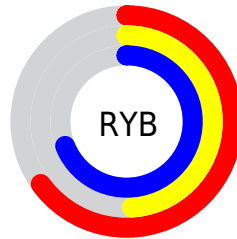
Distribution



Red (65%)

Green (49%)

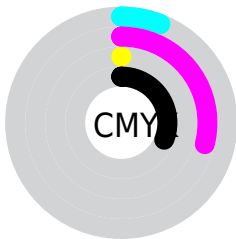
Blue (69%)



Red (65%)

Yellow (49%)

Blue (69%)

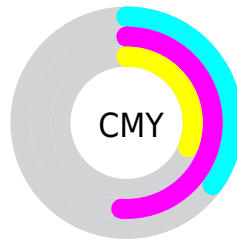


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5885, 25.7617, 43.9178 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 30.5885, 25.7617, 43.9178 by changing the saturation by 10% instead.

■ 30.5885, 25.7617,
43.9178

■ 30.5885, 25.7617,
43.9178

296.4989,
281.6103, 378.4043

■ 20.4360, 16.6455,
30.2692

■ 59.9719, 52.8903,
82.3952

■ 12.8225, 9.9820,
19.7892

■ 79.9335, 71.6714,
108.0610

■ 7.3826, 5.3870,
12.0594

■ 103.8955, 94.4429,
138.5697

■ 3.7509, 2.4761,
6.6611

132.2232,
121.5892, 174.3397

■ 1.5622, 0.8646,
3.1758

165.2821,
153.4947, 215.7897

■ 0.3676, 0.0000,
1.1851

203.4374,

■ 0.0000, 0.0000,

190.5438, 263.3380

0.0000

247.0545,
233.1209, 317.4034

■ 30.5885, 25.7617,
43.9178

■ 30.5885, 25.7617,
43.9178

■ 27.8474, 21.3451,
43.2102

■ 33.7415, 30.9714,
44.7576

■ 25.4951, 17.6773,
42.6262

■ 37.3230, 37.0089,
45.7342

■ 23.5100, 14.7145,
42.1590

■ 41.3518, 43.9110,
46.8541

■ 21.8669, 12.4073,
41.8002

■ 45.8447, 51.7111,
48.1228

■ 20.5379, 10.6993,
41.5406

■ 50.8178, 60.4409,
49.5457

■ 19.4898, 9.5249,
41.3691

■ 56.2861, 70.1305,
51.1278

■ 18.6648, 8.7685,
41.2666

■ 62.2641, 80.8087,
52.8738

■ 18.5531, 8.6706,
41.2536

■ 65.4908, 85.9529,
53.6967

■ 66.3937, 86.4184,
53.7390

Harmonies

Analogous

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



27.1041, 25.7617, 52.9445



30.5885, 25.7617, 43.9178



32.4946, 25.7617, 31.8579

Triad

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



30.5885, 25.7617, 43.9178



25.7815, 25.7617, 11.9619



18.1892, 25.7617, 35.9385

Complementary

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



30.5885, 25.7617, 43.9178



29.0243, 37.2922, 25.0717

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.



17.9144, 25.7617, 24.5585



30.5885, 25.7617, 43.9178



22.0416, 25.7617, 12.5166

Square

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



30.5885, 25.7617, 43.9178



29.5338, 25.7617, 14.7696



19.2540, 25.7617, 16.5551



20.0484, 25.7617, 47.5670

Rectangle

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



30.5885, 25.7617, 43.9178



32.4914, 25.7617, 24.5194



19.2540, 25.7617, 16.5551



17.9166, 25.7617, 31.9044

Sweetspot

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



30.5893, 25.7628, 43.9184



66.4458, 65.6054, 81.7979



24.9771, 25.0177, 44.0703



14.5549, 14.2194, 18.1218



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.5893, 25.7628, 43.9184



51.7429, 41.2134, 77.8647



31.4319, 26.3496, 37.0713



8.1778, 8.0660, 10.0786



13.3370, 6.2353, 29.5451



0.4104, 0.1938, 0.8238

Inverse Universe

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



29.3869, 25.5316, 26.3022



49.3467, 40.7922, 40.9752



28.4607, 36.8896, 30.1115



8.0683, 8.0406, 8.6705



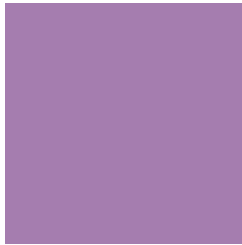
12.8962, 6.6210, 1.8327



0.3774, 0.1916, 0.1489

Previews

White Background



This preview shows how the XYZ color 30.5885, 25.7617, 43.9178 looks on a white background.

Color Contrast Check

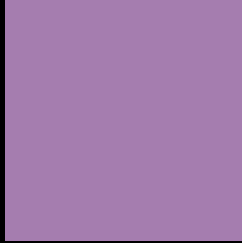
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5885, 25.7617, 43.9178 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 30.5885, 25.7617, 43.9178

Background



This preview shows how black text looks on a background with the XYZ color 30.5885, 25.7617, 43.9178.



This preview shows how white text looks on a background with the XYZ color 30.5885, 25.7617,

43.9178.

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

30.5885, 25.7617, 43.9178

Protanopia

26.2016, 25.7876, 48.9439

Deuteranopia

26.3387, 25.7763, 43.1223



Tritanopia

27.4960, 25.6592, 29.0947

Trichromacy



Original Color

30.5885, 25.7617, 43.9178

Protanomaly

27.5432, 25.6867, 47.2224

Deuteranomaly

27.7453, 25.6695, 43.5368

Tritanomaly

28.5833, 25.7150, 34.0288

Monochromacy



Original Color

30.5885, 25.7617, 43.9178

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.4831, 26.5542, 34.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5885, 25.7617, 43.9178 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(165, 125, 175)` looks like.

```
.text, #text, p{  
    color:rgb(165, 125, 175)  
}
```

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(165, 125, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 125, 175) }
```

Border

The CSS property to change the border of an element to XYZ 30.5885, 25.7617, 43.9178 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(165, 125, 175) }
```


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

```
.border{ border-color:rgb(165, 125, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 125, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 125, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 125, 175);  
box-shadow:4px 4px 4px 4px rgb(165, 125,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5885, 25.7617, 43.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 125, 175) }
```

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

```
.background{ background-color: rgb(165,  
125, 175) }
```

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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