

Converting Colors

XYZ(30.6229, 25.1522, 38.2890)

Have a look what the booklet for
XYZ(30.6229, 25.1522, 38.2890)
contains.

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Color

**XYZ(30.5515, 25.1257,
38.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	AC79A4
RGB	172, 121, 164
RGB Percent	67%, 47%, 64%
CMY	0.3255, 0.5255, 0.3569
CMYK	0.00, 0.30, 0.05, 0.33
HSL	309°, 24%, 57%
HSV	309°, 30%, 67%
XYZ	30.5515, 25.1257, 38.3615
YIQ	141.1510, 16.5930, 24.1850

Conversions

Conversions Part 2

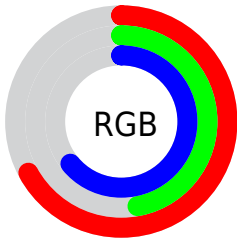
Format	Color
R _Y B	172, 121, 164
Decimal	11303332
CIE Lab	57.20, 27.00, -15.05
CIE LCh	57, 30.912, 330.857
Yxy	25.1257, 0.3249, 0.2672
Android (android.graphics.Color)	4289493412 (0xFFAC79A4)
YUV	141.1510, 11.2646, 27.0546
Hunter-Lab	50.1255, 21.0760, -10.2873

Details

The XYZ color **30.5515, 25.1257, 38.3615** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.6012, 35.1558, 26.1541**, and the grayscale version is **25.3299, 26.6490, 29.0208**.

A 20% lighter version of the original color is **59.9171, 51.8806, 73.8738**, and **12.7856, 9.5983, 16.5080** is the 20% darker color. If you saturate the color by 10%, you get **28.4038, 21.2158, 36.4563**, and if you desaturate by 10%, it is **33.0786, 29.7852, 40.4193**.

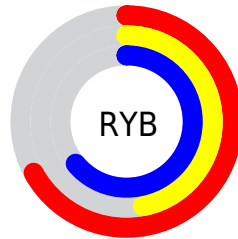
Distribution



Red (67%)

Green (47%)

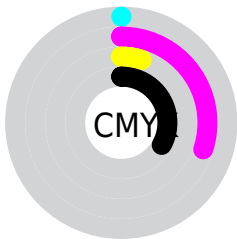
Blue (64%)



Red (67%)

Yellow (47%)

Blue (64%)

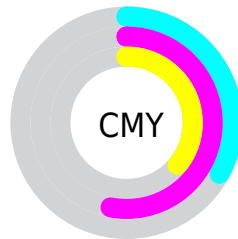


Cyan (0%)

Magenta (30%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5515, 25.1257, 38.3615 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 30.5515, 25.1257, 38.3615 by changing the saturation by 10% instead.

■ 30.5515, 25.1257,
38.3615

■ 30.5515, 25.1257,
38.3615

296.3306,
278.4634, 354.5127

■ 20.4077, 16.1707,
25.9594

■ 59.9139, 51.8611,
73.8714

■ 12.8017, 9.6450,
16.5678

■ 79.8633, 70.4103,
97.8163

■ 7.3682, 5.1643,
9.7681

■ 103.8118, 92.9263,
126.4459

■ 3.7418, 2.3440,
5.1419

132.1250,
119.7936, 160.1787

■ 1.5571, 0.7968,
2.2706

165.1681,
151.3966, 199.4332

■ 0.3642, 0.0000,
0.7147

203.3065,

■ 0.0000, 0.0000,

188.1196, 244.6281

0.0000

246.9056,
230.3471, 296.1817

■ 30.5515, 25.1257,
38.3615

■ 30.5515, 25.1257,
38.3615

■ 28.4038, 21.2158,
36.4563

■ 33.0786, 29.7852,
40.4193

■ 26.6134, 18.0126,
34.6952

■ 36.0010, 35.2277,
42.6342

■ 25.1593, 15.4739,
33.0714

■ 39.3369, 41.4886,
45.0128

■ 24.0175, 13.5517,
31.5768

■ 43.1023, 48.6000,
47.5605

■ 23.1608, 12.1915,
30.2021

■ 47.3124, 56.5926,
50.2826

■ 22.5570, 11.3292,
28.9364

■ 51.9819, 65.4952,
53.1841

■ 22.1396, 10.8317,
27.7574

■ 57.1244, 75.3355,
56.2697

■ 22.1257, 10.8157,
27.7168

■ 61.5927, 83.8184,
59.1571

■ 61.8815, 83.9340,
60.6780

Harmonies

Analogous

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



27.6654, 25.1257, 48.4976



30.5515, 25.1257, 38.3615



31.6097, 25.1257, 27.0579

Triad

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



30.5515, 25.1257, 38.3615



23.7764, 25.1257, 11.7781



18.3481, 25.1257, 39.0179

Complementary

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



30.5515, 25.1257, 38.3615



26.6012, 35.1558, 26.1541

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.



17.5278, 25.1257, 27.6595



30.5515, 25.1257, 38.3615



20.4589, 25.1257, 13.4748

Square

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



30.5515, 25.1257, 38.3615



27.4652, 25.1257, 13.2881



18.2602, 25.1257, 18.6892



20.6234, 25.1257, 48.9395

Rectangle

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



30.5515, 25.1257, 38.3615



31.0594, 25.1257, 20.8063



18.2602, 25.1257, 18.6892



17.9041, 25.1257, 35.1573

Sweetspot

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



30.5523, 25.1268, 38.3620



65.5880, 64.4269, 77.5473



23.2850, 21.2943, 41.9133



14.0800, 13.6765, 16.7250



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.



30.5523, 25.1268, 38.3620



52.6290, 40.4814, 67.1466



28.5008, 24.3062, 27.5592



8.2823, 8.1262, 9.7973



16.4815, 8.0551, 20.7128



0.4728, 0.2298, 0.6513

Inverse Universe

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



30.5523, 25.1268, 38.3620



52.6290, 40.4814, 67.1466



28.4839, 35.9089, 36.0682



8.2823, 8.1262, 9.7973



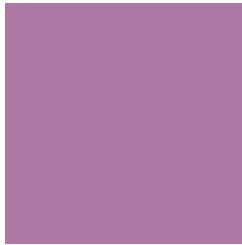
16.4815, 8.0551, 20.7128



0.4728, 0.2298, 0.6513

Previews

White Background



This preview shows how the XYZ color 30.5515, 25.1257, 38.3615 looks on a white background.

Color Contrast Check

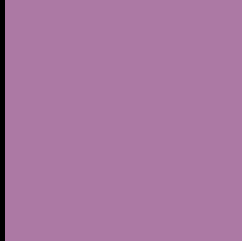
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5515, 25.1257, 38.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

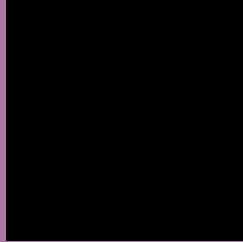
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5515, 25.1257, 38.3615

Background



This preview shows how black text looks on a background with the XYZ color 30.5515, 25.1257, 38.3615.



This preview shows how white text looks on a background with the XYZ color 30.5515, 25.1257,

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

30.5515, 25.1257, 38.3615

Protanopia

25.4441, 25.2927, 44.0984

Deuteranopia

25.6941, 25.1478, 37.6822



Tritanopia

28.0532, 25.0241, 26.6441

Trichromacy



Original Color

30.5515, 25.1257, 38.3615

Protanomaly

26.9686, 25.1022, 41.9519

Deuteranomaly

27.2236, 24.9242, 38.0263

Tritanomaly

28.7581, 24.9256, 30.4895

Monochromacy



Original Color

30.5515, 25.1257, 38.3615

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.8988, 25.8955, 32.0144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5515, 25.1257, 38.3615 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(172, 121, 164)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 164)  
}
```

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(172, 121, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.5515, 25.1257, 38.3615 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(172, 121, 164) }
```


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

```
.border{ border-color:rgb(172, 121, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 164);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5515, 25.1257, 38.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 164) }
```

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

```
.background{ background-color: rgb(172,  
121, 164) }
```

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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