

Converting Colors

XYZ(29.7887, 26.6523, 37.2936)

Have a look what the booklet for
XYZ(29.7887, 26.6523, 37.2936)
contains.

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Color

**XYZ(29.8592, 26.6983,
37.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	A483A1
RGB	164, 131, 161
RGB Percent	64%, 51%, 63%
CMY	0.3569, 0.4863, 0.3686
CMYK	0.00, 0.20, 0.02, 0.36
HSL	305°, 15%, 58%
HSV	305°, 20%, 64%
XYZ	29.8592, 26.6983, 37.2978
YIQ	144.2870, 10.0380, 16.3260

Conversions

Conversions Part 2

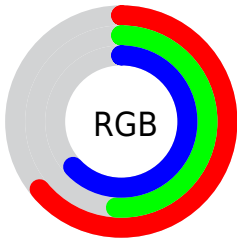
Format	Color
RYB	164, 131, 161
Decimal	10781601
CIELab	58.69, 17.94, -11.16
CIELCh	59, 21.127, 328.128
Yxy	26.6983, 0.3181, 0.2845
Android (android.graphics.Color)	4288971681 (0xFFA483A1)
YUV	144.2870, 8.2395, 17.2883
Hunter-Lab	51.6704, 12.7281, -6.6287

Details

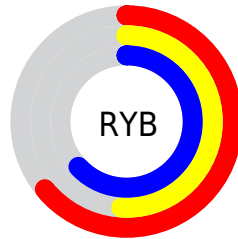
The XYZ color **29.8592, 26.6983, 37.2978** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **26.9397, 33.0983, 27.5244**, and the grayscale version is **26.5906, 27.9753, 30.4651**.

A 20% lighter version of the original color is **58.7486, 54.2989, 72.3501**, and **12.3848, 10.4337, 15.8292** is the 20% darker color. If you saturate the color by 10%, you get **27.6981, 22.5848, 35.9328**, and if you desaturate by 10%, it is **32.3722, 31.5121, 38.7885**.

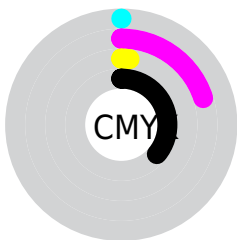
Distribution



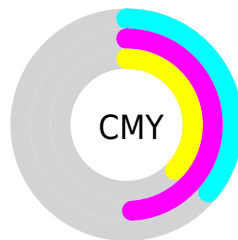
- Red (64%)
- Green (51%)
- Blue (63%)



- Red (64%)
- Yellow (51%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8592, 26.6983, 37.2978 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 29.8592, 26.6983, 37.2978 by changing the saturation by 10% instead.

■ 29.8592, 26.6983,
37.2978

■ 29.8592, 26.6983,
37.2978

293.1692,
286.1934, 349.8055

■ 19.8793, 17.3468,
25.1406

■ 58.8276, 54.3994,
72.2220

■ 12.4151, 10.4820,
15.9618

■ 78.5468, 73.5177,
95.8260

■ 7.1012, 5.7197,
9.3431

■ 102.2431, 96.6604,
124.0828

■ 3.5724, 2.6754,
4.8658

130.2819,
124.2118, 157.4107

■ 1.4632, 0.9647,
2.1114

163.0286,
156.5565, 196.2284

■ 0.3006, 0.0000,
0.6225

200.8485,

■ 0.0000, 0.0000,

194.0787, 240.9544

0.0000

244.1069,
237.1628, 292.0073

■ 29.8592, 26.6983,
37.2978

■ 29.8592, 26.6983,
37.2978

■ 27.6981, 22.5848,
35.9328

■ 32.3722, 31.5121,
38.7885

■ 25.8700, 19.1354,
34.6861

■ 35.2498, 37.0532,
40.4082

■ 24.3581, 16.3158,
33.5526

■ 38.5074, 43.3515,
42.1623

■ 23.1431, 14.0875,
32.5257

■ 42.1585, 50.4344,
44.0554

■ 22.2034, 12.4075,
31.5982

■ 46.2160, 58.3275,
46.0919

■ 21.5149, 11.2272,
30.7620

■ 50.6922, 67.0557,
48.2758

■ 21.0489, 10.4894,
30.0075

■ 55.5991, 76.6424,
50.6111

■ 20.7421, 10.0654,
29.3208

■ 58.6062, 82.4271,
52.3211

■ 58.7513, 82.4851,
53.0850

Harmonies

Analogous

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



27.8047, 26.6983, 43.6009



29.8592, 26.6983, 37.2978



30.7036, 26.6983, 29.5398

Triad

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



29.8592, 26.6983, 37.2978



25.5395, 26.6983, 16.9869



21.2203, 26.6983, 36.3500

Complementary

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



29.8592, 26.6983, 37.2978



26.9397, 33.0983, 27.5244

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.



20.7033, 26.6983, 28.6050



29.8592, 26.6983, 37.2978



23.0929, 26.6983, 18.1899

Square

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



29.8592, 26.6983, 37.2978



28.1062, 26.6983, 18.5340



21.3655, 26.6983, 22.1509



22.8284, 26.6983, 42.9913

Rectangle

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



29.8592, 26.6983, 37.2978



30.4259, 26.6983, 24.8418



21.3655, 26.6983, 22.1509



20.9182, 26.6983, 33.7525

Sweetspot

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



29.8600, 26.6995, 37.2984



60.7721, 61.0677, 71.5559



24.6100, 23.9621, 38.4506



13.2180, 13.2197, 15.6050



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.



29.8600, 26.6995, 37.2984



52.4241, 45.0764, 66.6010



28.5187, 26.1629, 30.2350



7.3364, 7.1910, 8.7580



15.9129, 7.7212, 22.5295



0.3419, 0.1653, 0.5130

Inverse Universe

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



29.8600, 26.6995, 37.2984



52.4241, 45.0764, 66.6010



28.1617, 33.5871, 33.9595



7.3364, 7.1910, 8.7580



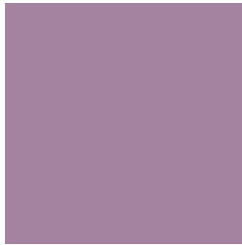
15.9129, 7.7212, 22.5295



0.3419, 0.1653, 0.5130

Previews

White Background



This preview shows how the XYZ color 29.8592, 26.6983, 37.2978 looks on a white background.

Color Contrast Check

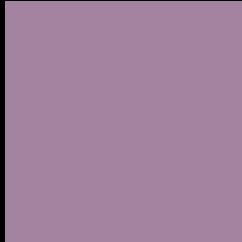
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8592, 26.6983, 37.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

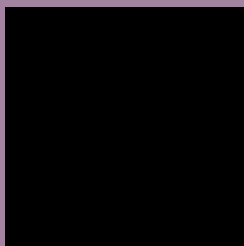
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8592, 26.6983, 37.2978

Background



This preview shows how black text looks on a background with the XYZ color 29.8592, 26.6983, 37.2978.



This preview shows how white text looks on a background with the XYZ color 29.8592, 26.6983,

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

29.8592, 26.6983, 37.2978

Protanopia

26.5065, 26.7804, 40.3313

Deuteranopia

27.4663, 26.9181, 37.0058



Tritanopia

28.4594, 26.7452, 30.0479

Trichromacy



Original Color

29.8592, 26.6983, 37.2978

Protanomaly

27.5913, 26.7189, 39.3004

Deuteranomaly

28.1460, 26.6383, 36.9160

Tritanomaly

28.9968, 26.7636, 32.4918

Monochromacy



Original Color

29.8592, 26.6983, 37.2978

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.5001, 27.2466, 32.6639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8592, 26.6983, 37.2978 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(164, 131, 161)` looks like.

```
.text, #text, p{  
    color:rgb(164, 131, 161)  
}
```

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(164, 131, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 131, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.8592, 26.6983, 37.2978 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(164, 131, 161) }
```


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

```
.border{ border-color:rgb(164, 131, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 131, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 131, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 131, 161);  
box-shadow:4px 4px 4px 4px rgb(164, 131,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8592, 26.6983, 37.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 131, 161) }
```

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

```
.background{ background-color: rgb(164,  
131, 161) }
```

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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