

Converting Colors

XYZ(30.3744, 27.2127, 40.6978)

Have a look what the booklet for
XYZ(30.3744, 27.2127, 40.6978)
contains.

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Color

**XYZ(30.3557, 27.2836,
40.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	A285A8
RGB	162, 133, 168
RGB Percent	64%, 52%, 66%
CMY	0.3647, 0.4784, 0.3412
CMYK	0.04, 0.21, 0.00, 0.34
HSL	290°, 17%, 59%
HSV	290°, 21%, 66%
XYZ	30.3557, 27.2836, 40.7121
YIQ	145.6610, 6.0490, 17.0330

Conversions

Conversions Part 2

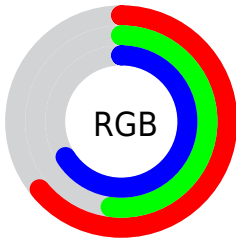
Format	Color
RYB	162, 133, 168
Decimal	10651048
CIELab	59.24, 17.48, -14.37
CIELCh	59, 22.627, 320.582
Yxy	27.2836, 0.3086, 0.2774
Android (android.graphics.Color)	4288841128 (0xFFA285A8)
YUV	145.6610, 11.0131, 14.3293
Hunter-Lab	52.2337, 12.3266, -9.6483

Details

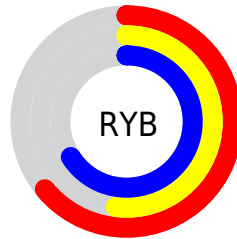
The XYZ color **30.3557, 27.2836, 40.7121** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **28.8847, 35.1884, 27.4613**, and the grayscale version is **27.1383, 28.5516, 31.0927**.

A 20% lighter version of the original color is **59.4935, 55.1972, 77.3305**, and **12.6760, 10.7625, 17.9323** is the 20% darker color. If you saturate the color by 10%, you get **27.6590, 22.7483, 39.9792**, and if you desaturate by 10%, it is **33.4354, 32.5639, 41.5694**.

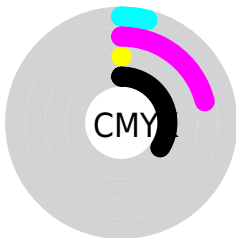
Distribution



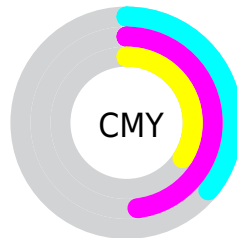
- Red (64%)
- Green (52%)
- Blue (66%)



- Red (64%)
- Yellow (52%)
- Blue (66%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3557, 27.2836, 40.7121 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 30.3557, 27.2836, 40.7121 by changing the saturation by 10% instead.

■ 30.3557, 27.2836,
40.7121

■ 30.3557, 27.2836,
40.7121

295.4391,
289.0276, 364.7568

■ 20.2581, 17.7863,
27.7762

■ 59.6070, 55.3386,
77.4956

■ 12.6922, 10.7967,
17.9194

■ 79.4915, 74.6652,
102.1802

■ 7.2925, 5.9303,
10.7233

■ 103.3690, 98.0369,
131.6182

■ 3.6936, 2.8027,
5.7693

131.6048,
125.8383, 166.2280

■ 1.5303, 1.0296,
2.6388

164.5644,
158.4536, 206.4283

■ 0.3463, 0.0000,
0.9124

202.6131,

■ 0.0000, 0.0000,

196.2674, 252.6375

0.0000

246.1162,
239.6639, 305.2741

■ 30.3557, 27.2836,
40.7121

■ 30.3557, 27.2836,
40.7121

■ 27.6590, 22.7483,
39.9792

■ 33.4354, 32.5639,
41.5694

■ 25.3251, 18.9195,
39.3632

■ 36.9119, 38.6184,
42.5548

■ 23.3361, 15.7607,
38.8583

■ 40.8015, 45.4788,
43.6740

■ 21.6711, 13.2304,
38.4577

■ 45.1186, 53.1741,
44.9318

■ 20.3071, 11.2828,
38.1537

■ 49.8773, 61.7320,
46.3328

■ 19.2179, 9.8656,
37.9375

■ 55.0906, 71.1787,
47.8814

■ 18.3726, 8.9171,
37.7990

■ 60.7712, 81.5393,
49.5818

■ 17.7489, 8.3334,
37.7192

■ 62.8456, 84.6666,
50.0762

■ 63.5477, 85.0286,
50.1090

Harmonies

Analogous

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



27.8876, 27.2836, 46.7666



30.3557, 27.2836, 40.7121



31.6642, 27.2836, 32.3245

Triad

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



30.3557, 27.2836, 40.7121



26.8307, 27.2836, 16.8588



21.1753, 27.2836, 35.5141

Complementary

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



30.3557, 27.2836, 40.7121



28.8847, 35.1884, 27.4613

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.



20.9374, 27.2836, 27.2352



30.3557, 27.2836, 40.7121



24.0705, 27.2836, 17.4010

Square

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



30.3557, 27.2836, 40.7121



29.5339, 27.2836, 19.2433



21.9608, 27.2836, 20.8890



22.6360, 27.2836, 43.4077

Rectangle

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



30.3557, 27.2836, 40.7121



31.6424, 27.2836, 26.9429



21.9608, 27.2836, 20.8890



20.9540, 27.2836, 32.6543

Sweetspot

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



30.3565, 27.2848, 40.7127



63.5597, 64.0998, 76.2476



26.0349, 26.4011, 40.7699



13.7694, 13.8251, 16.5949



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.



30.3565, 27.2848, 40.7127



52.7366, 45.5387, 73.2354



30.6155, 27.5325, 35.5625



7.7139, 7.6006, 9.4788



13.4409, 6.3125, 28.4855



0.3593, 0.1702, 0.6946

Inverse Universe

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



29.1971, 26.9652, 28.0933



50.2921, 44.8790, 45.9917



28.7169, 35.0087, 31.6639



7.5817, 7.5625, 8.1142



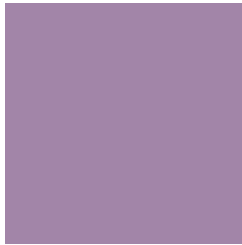
12.3740, 6.3583, 1.5150



0.3159, 0.1606, 0.1148

Previews

White Background



This preview shows how the XYZ color 30.3557, 27.2836, 40.7121 looks on a white background.

Color Contrast Check

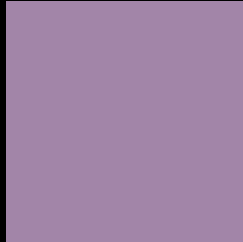
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3557, 27.2836, 40.7121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

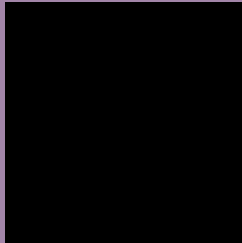
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3557, 27.2836, 40.7121

Background



This preview shows how black text looks on a background with the XYZ color 30.3557, 27.2836, 40.7121.



This preview shows how white text looks on a background with the XYZ color 30.3557, 27.2836,

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

30.3557, 27.2836, 40.7121

Protanopia

27.3182, 27.3400, 43.8817

Deuteranopia

27.8847, 27.2750, 40.3541



Tritanopia

28.5102, 27.3688, 31.3838

Trichromacy



Original Color

30.3557, 27.2836, 40.7121

Protanomaly

28.2119, 27.1753, 42.7881

Deuteranomaly

28.6832, 27.2607, 40.3093

Tritanomaly

29.2178, 27.4485, 34.7685

Monochromacy



Original Color

30.3557, 27.2836, 40.7121

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.3065, 28.0582, 34.4957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3557, 27.2836, 40.7121 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(162, 133, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 168)  
}
```

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(162, 133, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 168) }
```

Border

The CSS property to change the border of an element to XYZ 30.3557, 27.2836, 40.7121 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(162, 133, 168) }
```


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

```
.border{ border-color:rgb(162, 133, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 133, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3557, 27.2836, 40.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 133, 168) }
```

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

```
.background{ background-color: rgb(162,  
133, 168) }
```

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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