

Converting Colors

XYZ(30.8108, 30.1087, 40.7469)

Have a look what the booklet for
XYZ(30.8108, 30.1087, 40.7469)
contains.

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Color

**XYZ(30.8108, 30.1087,
40.7469)**

Conversions

Conversions Part 1

Format	Color
Hex	9C91A7
RGB	156, 145, 167
RGB Percent	61%, 57%, 65%
CMY	0.3882, 0.4314, 0.3451
CMYK	0.07, 0.13, 0.00, 0.35
HSL	270°, 11%, 61%
HSV	270°, 13%, 65%
XYZ	30.8108, 30.1087, 40.7469
YIQ	150.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

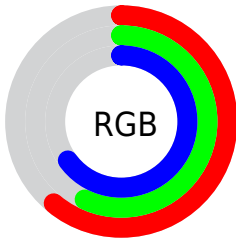
Format	Color
RYB	156, 145, 167
Decimal	10260903
CIELab	61.75, 8.35, -10.08
CIELCh	62, 13.089, 309.650
Yxy	30.1087, 0.3031, 0.2962
Android (android.graphics.Color)	4288450983 (0xFF9C91A7)
YUV	150.7970, 7.9881, 4.5630
Hunter-Lab	54.8714, 4.2045, -5.6181

Details

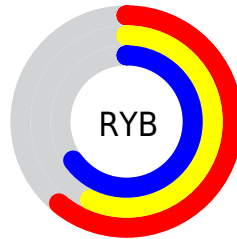
The XYZ color **30.8108, 30.1087, 40.7469** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6408, 36.7504, 32.1626**, and the grayscale version is **29.2965, 30.8222, 33.5654**.

A 20% lighter version of the original color is **60.4722, 59.9697, 77.4953**, and **13.0124, 12.4255, 17.9322** is the 20% darker color. If you saturate the color by 10%, you get **26.8837, 24.5711, 39.8855**, and if you desaturate by 10%, it is **35.2259, 36.4564, 41.7399**.

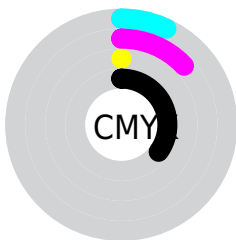
Distribution



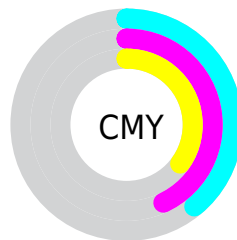
- Red (61%)
- Green (57%)
- Blue (65%)



- Red (61%)
- Yellow (57%)
- Blue (65%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8108, 30.1087, 40.7469 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 30.8108, 30.1087, 40.7469 by changing the saturation by 10% instead.

■ 30.8108, 30.1087,
40.7469

■ 30.8108, 30.1087,
40.7469

297.5082,
302.4108, 364.9069

■ 20.6059, 19.9211,
27.8032

■ 60.3199, 59.8340,
77.5490

■ 12.9471, 12.3377,
17.9396

■ 80.3549, 80.1406,
102.2445

■ 7.4689, 6.9741,
10.7376

104.3974,
104.5889, 131.6943

■ 3.8059, 3.4459,
5.7788

132.8125,
133.5634, 166.3169

■ 1.5929, 1.3687,
2.6444

165.9659,
167.4484, 206.5310

■ 0.3878, 0.1935,
0.9153

204.2227,

■ 0.0000, 0.0000,

206.6284, 252.7550

0.0000

247.9483,
251.4877, 305.4074

■ 30.8108, 30.1087,
40.7469

■ 30.8108, 30.1087,
40.7469

■ 26.8837, 24.5711,
39.8855

■ 35.2259, 36.4564,
41.7399

■ 23.4234, 19.8059,
39.1481

■ 40.1438, 43.6420,
42.8677

■ 20.4111, 15.7784,
38.5295

■ 45.5819, 51.6969,
44.1358

■ 17.8253, 12.4493,
38.0232

■ 51.5560, 60.6494,
45.5489

■ 15.6428, 9.7757,
37.6221

■ 58.0812, 70.5268,
47.1115

■ 13.8379, 7.7098,
37.3185

■ 65.1718, 81.3551,
48.8279

■ 12.3813, 6.1971,
37.1033

■ 70.5995, 88.6747,
49.9546

■ 11.2384, 5.1724,
36.9658

■ 73.1064, 89.9670,
50.0720

■ 10.5865, 4.6518,
36.8996

■ 75.7402, 91.3248,
50.1952

Harmonies

Analogous

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



29.1832, 30.1087, 43.1909



30.8108, 30.1087, 40.7469



31.8778, 30.1087, 36.2373

Triad

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



30.8108, 30.1087, 40.7469



29.7994, 30.1087, 24.5787



25.4374, 30.1087, 34.4196

Complementary

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



30.8108, 30.1087, 40.7469



32.6408, 36.7504, 32.1626

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.



25.5873, 30.1087, 29.5559



30.8108, 30.1087, 40.7469



28.0590, 30.1087, 24.1982

Square

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



30.8108, 30.1087, 40.7469



31.2776, 30.1087, 27.0294



26.5307, 30.1087, 25.9313



26.1126, 30.1087, 39.3007

Rectangle

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



30.8108, 30.1087, 40.7469



32.1031, 30.1087, 32.8419



26.5307, 30.1087, 25.9313



25.3936, 30.1087, 32.7247

Sweetspot

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



30.8117, 30.1100, 40.7476



62.3384, 64.2063, 74.5828



30.6032, 32.7110, 41.2606



13.8151, 14.1727, 16.6596



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.



30.8117, 30.1100, 40.7476



52.8961, 50.6795, 72.4695



32.9603, 31.2176, 40.8481



7.4757, 7.4779, 9.4677



8.1574, 3.5887, 28.2382



0.2575, 0.1178, 0.6898

Inverse Universe

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



32.0634, 30.8678, 35.7218



55.6399, 52.3406, 61.4534



30.6724, 35.7357, 32.0705



7.6817, 7.6025, 8.6409



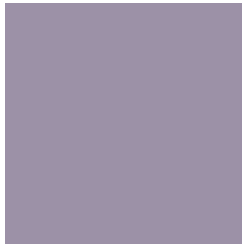
13.4291, 6.7804, 7.0712



0.3526, 0.1753, 0.3082

Previews

White Background



This preview shows how the XYZ color 30.8108, 30.1087, 40.7469 looks on a white background.

Color Contrast Check

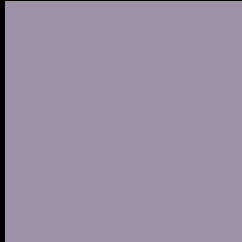
Large Text (above 18pt) WCAG AA × Fail

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 30.8108, 30.1087, 40.7469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

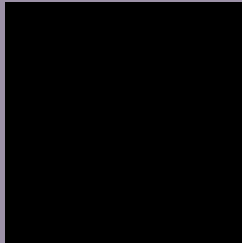
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8108, 30.1087, 40.7469

Background



This preview shows how black text looks on a background with the XYZ color 30.8108, 30.1087, 40.7469.



This preview shows how white text looks on a background with the XYZ color 30.8108, 30.1087,

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

30.8108, 30.1087, 40.7469

Protanopia

29.6054, 30.1554, 41.7963

Deuteranopia

30.6180, 30.0094, 40.7379



Tritanopia

30.1228, 30.3046, 36.6095

Trichromacy



Original Color

30.8108, 30.1087, 40.7469

Protanomaly

30.0793, 30.1786, 41.2855

Deuteranomaly

30.6180, 30.0094, 40.7379

Tritanomaly

30.2295, 30.0995, 37.9347

Monochromacy



Original Color

30.8108, 30.1087, 40.7469

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9701, 30.7015, 36.2447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8108, 30.1087, 40.7469 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(156, 145, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 167)  
}
```

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(156, 145, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.8108, 30.1087, 40.7469 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(156, 145, 167) }
```


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

```
.border{ border-color:rgb(156, 145, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 167);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8108, 30.1087, 40.7469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 167) }
```

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

```
.background{ background-color: rgb(156,  
145, 167) }
```

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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