

Converting Colors

XYZ(30.1455, 27.1586, 39.7298)

Have a look what the booklet for
XYZ(30.1455, 27.1586, 39.7298)
contains.

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Color

**XYZ(30.1708, 27.2096,
39.7382)**

Conversions

Conversions Part 1

Format	Color
Hex	A285A6
RGB	162, 133, 166
RGB Percent	64%, 52%, 65%
CMY	0.3647, 0.4784, 0.3490
CMYK	0.02, 0.20, 0.00, 0.35
HSL	293°, 16%, 59%
HSV	293°, 20%, 65%
XYZ	30.1708, 27.2096, 39.7382
YIQ	145.4330, 6.6910, 16.4110

Conversions

Conversions Part 2

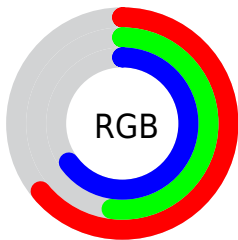
Format	Color
R_{YB}	162, 133, 166
Decimal	10651046
CIE _{Lab}	59.17, 17.08, -13.33
CIE _{LCh}	59, 21.662, 322.033
Yxy	27.2096, 0.3107, 0.2802
Android (android.graphics.Color)	4288841126 (0xFFA285A6)
YUV	145.4330, 10.1395, 14.5293
Hunter-Lab	52.1628, 11.9589, -8.6538

Details

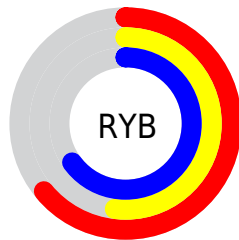
The XYZ color **30.1708, 27.2096, 39.7382** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **28.1873, 34.2849, 27.3236**, and the grayscale version is **27.0486, 28.4572, 30.9899**.

A 20% lighter version of the original color is **59.2253, 55.0900, 75.9185**, and **12.5609, 10.7164, 17.3260** is the 20% darker color. If you saturate the color by 10%, you get **27.6701, 22.8097, 39.0211**, and if you desaturate by 10%, it is **33.0388, 32.3336, 40.5765**.

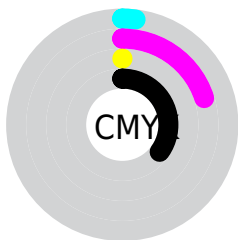
Distribution



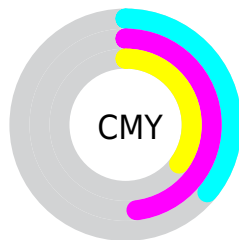
- Red (64%)
- Green (52%)
- Blue (65%)



- Red (64%)
- Yellow (52%)
- Blue (65%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1708, 27.2096, 39.7382 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 30.1708, 27.2096, 39.7382 by changing the saturation by 10% instead.

■ 30.1708, 27.2096,
39.7382

■ 30.1708, 27.2096,
39.7382

294.5953,
288.6705, 360.5381

■ 20.1170, 17.7307,
27.0222

■ 59.3170, 55.2200,
75.9974

■ 12.5889, 10.7568,
17.3573

■ 79.1400, 74.5203,
100.3777

■ 7.2211, 5.9036,
10.3250

■ 102.9502, 97.8633,
129.4833

■ 3.6483, 2.7865,
5.5065

131.1128,
125.6332, 163.7326

■ 1.5052, 1.0213,
2.4835

163.9933,
158.2144, 203.5442

■ 0.3293, 0.0000,
0.8314

201.9570,

■ 0.0000, 0.0000,

195.9915, 249.3366

0.0000

245.3692,
239.3487, 301.5284

■ 30.1708, 27.2096,
39.7382

■ 30.1708, 27.2096,
39.7382

■ 27.6701, 22.8097,
39.0211

■ 33.0388, 32.3336,
40.5765

■ 25.5175, 19.0967,
38.4179

■ 36.2875, 38.2095,
41.5394

■ 23.6955, 16.0354,
37.9230

■ 39.9325, 44.8682,
42.6326

■ 22.1843, 13.5860,
37.5299

■ 43.9877, 52.3377,
43.8606

■ 20.9617, 11.7045,
37.2312

■ 48.4666, 60.6446,
45.2279

■ 20.0029, 10.3408,
37.0185

■ 53.3818, 69.8142,
46.7388

■ 19.2783, 9.4363,
36.8821

■ 58.7456, 79.8709,
48.3972

■ 18.7226, 8.8600,
36.8002

■ 61.0254, 83.7497,
49.0257

■ 18.7160, 8.8533,
36.7992

■ 61.4908, 83.9896,
49.0475

Harmonies

Analogous

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



27.8571, 27.2096, 45.6417



30.1708, 27.2096, 39.7382



31.3469, 27.2096, 31.7337

Triad

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



30.1708, 27.2096, 39.7382



26.5875, 27.2096, 17.2149



21.3453, 27.2096, 35.5567

Complementary

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



30.1708, 27.2096, 39.7382



28.1873, 34.2849, 27.3236

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.



21.0573, 27.2096, 27.6150



30.1708, 27.2096, 39.7382



23.9643, 27.2096, 17.8790

Square

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



30.1708, 27.2096, 39.7382



29.1862, 27.2096, 19.3901



21.9841, 27.2096, 21.3947



22.8001, 27.2096, 42.9499

Rectangle

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



30.1708, 27.2096, 39.7382



31.2742, 27.2096, 26.6361



21.9841, 27.2096, 21.3947



21.1131, 27.2096, 32.8331

Sweetspot

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



30.1716, 27.2108, 39.7388



62.0996, 62.5348, 74.2727



25.5595, 25.7462, 39.6992



13.8166, 13.8494, 16.5971



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.



30.1716, 27.2108, 39.7388



52.6036, 45.5768, 71.5000



29.9386, 27.2129, 34.2037



7.7511, 7.6198, 9.4806



14.5394, 6.8787, 28.5369



0.3780, 0.1798, 0.6954

Inverse Universe

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



28.6296, 26.6893, 27.3106



49.3015, 44.4680, 44.5302



28.4285, 34.3071, 31.9531



7.5667, 7.5566, 8.0356



12.3032, 6.3300, 1.1424



0.3102, 0.1584, 0.0852

Previews

White Background



This preview shows how the XYZ color 30.1708, 27.2096, 39.7382 looks on a white background.

Color Contrast Check

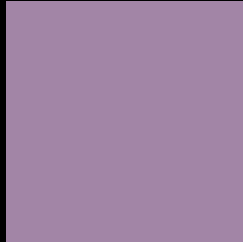
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1708, 27.2096, 39.7382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

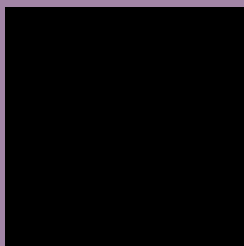
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1708, 27.2096, 39.7382

Background



This preview shows how black text looks on a background with the XYZ color 30.1708, 27.2096, 39.7382.



This preview shows how white text looks on a background with the XYZ color 30.1708, 27.2096,

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

30.1708, 27.2096, 39.7382

Protanopia

27.1246, 27.2626, 42.8623

Deuteranopia

27.8782, 27.2928, 39.3960



Tritanopia

28.3687, 27.0858, 31.3367

Trichromacy



Original Color

30.1708, 27.2096, 39.7382

Protanomaly

28.0212, 27.0990, 41.7840

Deuteranomaly

28.6861, 27.2833, 39.3516

Tritanomaly

28.9939, 27.1346, 34.2812

Monochromacy



Original Color

30.1708, 27.2096, 39.7382

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.0371, 27.9290, 34.0501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1708, 27.2096, 39.7382 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.1708, 27.2096, 39.7382 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, 166) }
```


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

```
.border{ border-color:rgb(162, 133, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 166);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1708, 27.2096, 39.7382 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, 166) }
```

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

```
.background{ background-color: rgb(162,  
133, 166) }
```

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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