

Converting Colors

XYZ(27.4029, 26.2325, 37.7989)

Have a look what the booklet for
XYZ(27.4029, 26.2325, 37.7989)
contains.

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Color

**XYZ(27.3983, 26.2325,
37.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	9487A2
RGB	148, 135, 162
RGB Percent	58%, 53%, 64%
CMY	0.4196, 0.4706, 0.3647
CMYK	0.09, 0.17, 0.00, 0.36
HSL	269°, 13%, 58%
HSV	269°, 17%, 64%
XYZ	27.3983, 26.2325, 37.8017
YIQ	141.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

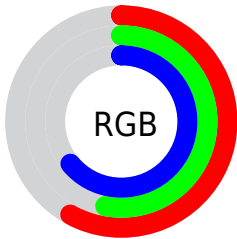
Format	Color
RYB	148, 135, 162
Decimal	9734050
CIELab	58.26, 10.22, -12.54
CIELCh	58, 16.174, 309.184
Yxy	26.2325, 0.2997, 0.2869
Android (android.graphics.Color)	4287924130 (0xFF9487A2)
YUV	141.9650, 9.8773, 5.2927
Hunter-Lab	51.2177, 5.8556, -7.9072

Details

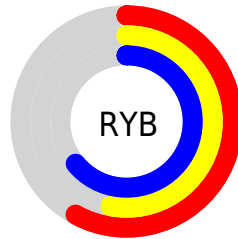
The XYZ color **27.3983, 26.2325, 37.8017** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **29.6889, 33.9801, 27.9170**, and the grayscale version is **25.6604, 26.9968, 29.3995**.

A 20% lighter version of the original color is **54.8647, 53.5328, 73.0868**, and **10.9927, 10.1642, 16.1344** is the 20% darker color. If you saturate the color by 10%, you get **23.8432, 21.2964, 37.0367**, and if you desaturate by 10%, it is **31.4093, 31.9155, 38.6876**.

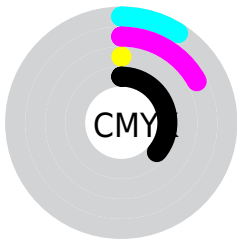
Distribution



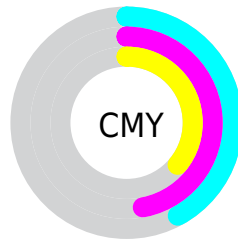
- Red (58%)
- Green (53%)
- Blue (64%)



- Red (58%)
- Yellow (53%)
- Blue (64%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3983, 26.2325, 37.8017 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 27.3983, 26.2325, 37.8017 by changing the saturation by 10% instead.

■ 27.3983, 26.2325,
37.8017

■ 27.3983, 26.2325,
37.8017

281.7130,
283.9215, 352.0412

■ 18.0107, 16.9977,
25.5282

■ 54.9377, 53.6498,
73.0041

■ 11.0574, 10.2328,
16.2484

■ 73.8203, 72.6010,
96.7701

■ 6.1730, 5.5536,
9.5439

■ 96.5986, 95.5598,
125.2041

■ 2.9922, 2.5756,
4.9960

123.6379,
122.9106, 158.7244

■ 1.1497, 0.9144,
2.1862

155.3037,
155.0378, 197.7498

■ 0.0661, 0.0000,
0.6664

191.9612,

■ 0.0000, 0.0000,

192.3258, 242.6987

0.0000

233.9759,
235.1589, 293.9896

■ 27.3983, 26.2325,
37.8017

■ 27.3983, 26.2325,
37.8017

■ 23.8432, 21.2964,
37.0367

■ 31.4093, 31.9155,
38.6876

■ 20.7237, 17.0717,
36.3857

■ 35.8904, 38.3724,
39.6978

■ 18.0215, 13.5250,
35.8435

■ 40.8584, 45.6326,
40.8373

■ 15.7160, 10.6187,
35.4041

■ 46.3284, 53.7233,
42.1106

■ 13.7846, 8.3114,
35.0605

■ 52.3148, 62.6701,
43.5220

■ 12.2022, 6.5567,
34.8052

■ 58.8312, 72.4976,
45.0755

■ 10.9398, 5.3010,
34.6294

■ 65.8912, 83.2295,
46.7749

■ 9.9563, 4.4663,
34.5201

■ 70.3665, 88.6069,
47.5769

■ 9.6631, 4.2282,
34.4896

■ 72.9003, 89.9131,
47.6955

Harmonies

Analogous

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



25.5413, 26.2325, 40.6368



27.3983, 26.2325, 37.8017



28.6357, 26.2325, 32.5849

Triad

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



27.3983, 26.2325, 37.8017



26.3007, 26.2325, 19.5923



21.3850, 26.2325, 30.3254

Complementary

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



27.3983, 26.2325, 37.8017



29.6889, 33.9801, 27.9170

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.



21.5645, 26.2325, 24.8860



27.3983, 26.2325, 37.8017



24.3348, 26.2325, 19.1540

Square

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



27.3983, 26.2325, 37.8017



27.9792, 26.2325, 22.2549



22.6206, 26.2325, 20.9670



22.1167, 26.2325, 35.9623

Rectangle

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



27.3983, 26.2325, 37.8017



28.9067, 26.2325, 28.7172



22.6206, 26.2325, 20.9670



21.3416, 26.2325, 28.4088

Sweetspot

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



27.3991, 26.2336, 37.8023



58.2407, 59.6857, 70.5070



27.3251, 29.3822, 38.4139



12.9632, 13.2370, 15.8093



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.



27.3991, 26.2336, 37.8023



47.2474, 44.1395, 68.0857



29.9044, 27.5251, 37.9195



7.0098, 7.0194, 8.8885



7.6621, 3.3564, 27.1738



0.2155, 0.0986, 0.5735

Inverse Universe

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



28.9900, 27.1804, 32.1534



50.7319, 46.2137, 55.6926



27.4315, 32.8165, 27.8114



7.2199, 7.1444, 8.1446



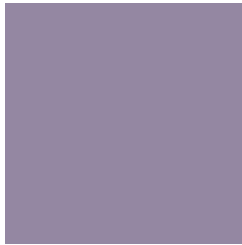
13.0216, 6.5647, 7.3042



0.2974, 0.1474, 0.2786

Previews

White Background



This preview shows how the XYZ color 27.3983, 26.2325, 37.8017 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 27.3983, 26.2325, 37.8017 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 27.3983, 26.2325, 37.8017

Background



This preview shows how black text looks on a background with the XYZ color 27.3983, 26.2325, 37.8017.



This preview shows how white text looks on a background with the XYZ color 27.3983, 26.2325,

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

27.3983, 26.2325, 37.8017

Protanopia

26.0158, 26.3327, 39.3089

Deuteranopia

26.7949, 26.3396, 37.8542



Tritanopia

26.1450, 26.1404, 31.6846

Trichromacy



Original Color

27.3983, 26.2325, 37.8017

Protanomaly

26.6045, 26.4327, 38.8218

Deuteranomaly

27.0028, 26.2367, 37.8234

Tritanomaly

26.5866, 26.1113, 33.7757

Monochromacy



Original Color

27.3983, 26.2325, 37.8017

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1590, 26.5645, 32.1825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3983, 26.2325, 37.8017 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(148, 135, 162)` looks like.

```
.text, #text, p{  
    color:rgb(148, 135, 162)  
}
```

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(148, 135, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 135, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.3983, 26.2325, 37.8017 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(148, 135, 162) }
```


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

```
.border{ border-color:rgb(148, 135, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 135, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 135, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 135, 162);  
box-shadow:4px 4px 4px 4px rgb(148, 135,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3983, 26.2325, 37.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 135, 162) }
```

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

```
.background{ background-color: rgb(148,  
135, 162) }
```

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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