

Converting Colors

XYZ(29.3687, 28.2535, 50.3583)

Have a look what the booklet for
XYZ(29.3687, 28.2535, 50.3583)
contains.

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Color

**XYZ(29.3723, 28.2576,
50.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8DBA
RGB	141, 141, 186
RGB Percent	55%, 55%, 73%
CMY	0.4470, 0.4470, 0.2706
CMYK	0.24, 0.24, 0.00, 0.27
HSL	240°, 25%, 64%
HSV	240°, 24%, 73%
XYZ	29.3723, 28.2576, 50.3606
YIQ	146.1300, -14.4450, 13.9950

Conversions

Conversions Part 2

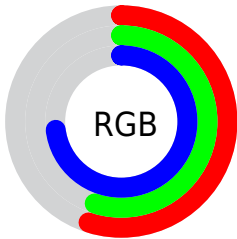
Format	Color
RYB	141, 141, 186
Decimal	9276858
CIELab	60.12, 9.93, -23.43
CIELCh	60, 25.447, 292.980
Yxy	28.2576, 0.2720, 0.2617
Android (android.graphics.Color)	4287466938 (0xFF8D8DBA)
YUV	146.1300, 19.6559, -4.4990
Hunter-Lab	53.1579, 5.6036, -18.9595

Details

The XYZ color **29.3723, 28.2576, 50.3606** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.6168, 47.4803, 32.1187**, and the grayscale version is **27.3018, 28.7236, 31.2800**.

A 20% lighter version of the original color is **58.0478, 57.0431, 91.9554**, and **12.1912, 11.3493, 23.7384** is the 20% darker color. If you saturate the color by 10%, you get **23.9553, 21.7305, 49.3867**, and if you desaturate by 10%, it is **35.7829, 35.9820, 51.5142**.

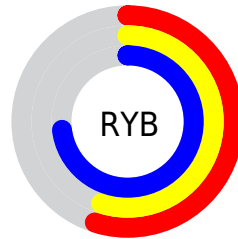
Distribution



Red (55%)

Green (55%)

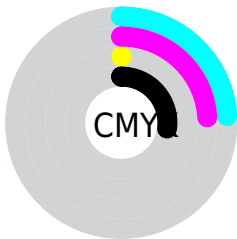
Blue (73%)



Red (55%)

Yellow (55%)

Blue (73%)

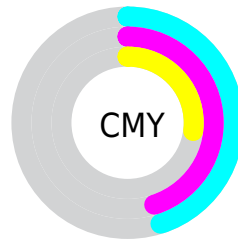


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3723, 28.2576, 50.3606 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 29.3723, 28.2576, 50.3606 by changing the saturation by 10% instead.

■ 29.3723, 28.2576,
50.3606

■ 29.3723, 28.2576,
50.3606

290.9302,
293.6958, 404.8498

■ 19.5083, 18.5199,
35.3268

■ 58.0616, 56.8954,
92.1107

■ 12.1443, 11.3239,
23.6292

■ 77.6175, 76.5644,
119.6642

■ 6.9150, 6.2851,
14.8491

■ 101.1349,
100.3126, 152.2279

■ 3.4548, 3.0192,
8.5681

128.9791,
128.5244, 190.2204

■ 1.3986, 1.1418,
4.3676

161.5153,
161.5843, 234.0604

■ 0.2552, 0.0134,
1.8291

199.1090,

■ 0.0000, 0.0000,

199.8765, 284.1662

0.4471

242.1255,
243.7855, 340.9565

■ 0.0000, 0.0000,
0.0000

■ 29.3723, 28.2576,
50.3606

■ 29.3723, 28.2576,
50.3606

■ 23.9553, 21.7305,
49.3867

■ 35.7829, 35.9820,
51.5142

■ 19.4795, 16.3375,
48.5817

■ 43.2303, 44.9556,
52.8537

■ 15.8922, 12.0150,
47.9364

■ 51.7587, 55.2317,
54.3877

■ 13.1342, 8.6918,
47.4403

■ 61.4087, 66.8593,
56.1235

■ 11.1391, 6.2878,
47.0815

■ 72.2190, 79.8849,
58.0679

■ 9.8305, 4.7110,
46.8461

■ 84.2263, 94.3529,
60.2276

■ 9.1159, 3.8499,
46.7175

■ 85.8630, 96.3252,
60.5221

■ 8.8631, 3.5453,
46.6721

Harmonies

Analogous

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



26.1015, 28.2576, 52.1680



29.3723, 28.2576, 50.3606



32.1628, 28.2576, 42.8503

Triad

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



29.3723, 28.2576, 50.3606



30.7990, 28.2576, 18.5764



21.1209, 28.2576, 28.6318

Complementary

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



29.3723, 28.2576, 50.3606



42.6168, 47.4803, 32.1187

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.



22.1712, 28.2576, 21.2011



29.3723, 28.2576, 50.3606



27.6290, 28.2576, 16.2039

Square

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



29.3723, 28.2576, 50.3606



33.0318, 28.2576, 24.2962



24.4914, 28.2576, 17.0572



21.5058, 28.2576, 38.2970

Rectangle

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



29.3723, 28.2576, 50.3606



33.2875, 28.2576, 36.3093



24.4914, 28.2576, 17.0572



21.3148, 28.2576, 25.8208

Sweetspot

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



29.3732, 28.2587, 50.3612



74.2116, 76.4893, 95.0539



37.3275, 44.2945, 52.6203



16.1589, 16.6228, 20.8994



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.3732, 28.2587, 50.3612



47.8295, 44.7007, 90.3086



33.4417, 30.3560, 50.5516



8.5211, 8.7195, 11.3134



5.9627, 2.3851, 31.3992



0.2102, 0.0841, 1.1069

Inverse Universe

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



34.5831, 31.4128, 29.4410



58.9021, 51.4041, 45.8465



37.7288, 44.9607, 31.8899



9.0046, 9.0122, 9.3719



13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 29.3723, 28.2576, 50.3606 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 29.3723, 28.2576, 50.3606 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 29.3723, 28.2576, 50.3606

Background



This preview shows how black text looks on a background with the XYZ color 29.3723, 28.2576, 50.3606.



This preview shows how white text looks on a background with the XYZ color 29.3723, 28.2576,

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

29.3723, 28.2576, 50.3606

Protanopia

28.5724, 28.2623, 51.5262

Deuteranopia

28.8525, 28.2095, 50.3787



Tritanopia

26.6038, 28.2606, 36.4004

Trichromacy



Original Color

29.3723, 28.2576, 50.3606

Protanomaly

28.7960, 28.1681, 50.9330

Deuteranomaly

29.0172, 28.2944, 50.3864

Tritanomaly

27.5224, 28.1769, 41.0339

Monochromacy



Original Color

29.3723, 28.2576, 50.3606

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9079, 28.4490, 37.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3723, 28.2576, 50.3606 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(141, 141, 186)` looks like.

```
.text, #text, p{  
    color:rgb(141, 141, 186)  
}
```

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(141, 141, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 141, 186) }
```

Border

The CSS property to change the border of an element to XYZ 29.3723, 28.2576, 50.3606 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(141, 141, 186) }
```


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

```
.border{ border-color:rgb(141, 141, 186) }
```

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

Here you see how a box with a 4 pixel rgb(141, 141, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 141, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 141, 186);  
box-shadow:4px 4px 4px 4px rgb(141, 141,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3723, 28.2576, 50.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 141, 186) }
```

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

```
.background{ background-color: rgb(141,  
141, 186) }
```

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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