

Converting Colors

XYZ(28.3883, 23.8091, 50.7489)

Have a look what the booklet for
XYZ(28.3883, 23.8091, 50.7489)
contains.

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Color

**XYZ(28.3089, 23.6951,
50.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	9579BC
RGB	149, 121, 188
RGB Percent	58%, 47%, 74%
CMY	0.4157, 0.5255, 0.2627
CMYK	0.21, 0.36, 0.00, 0.26
HSL	265°, 33%, 61%
HSV	265°, 36%, 74%
XYZ	28.3089, 23.6951, 50.6585
YIQ	137.0100, -4.8190, 26.7730

Conversions

Conversions Part 2

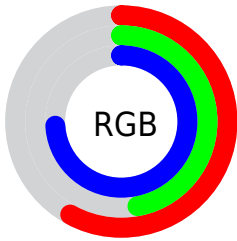
Format	Color
R _Y B	149, 121, 188
Decimal	9796028
CIE Lab	55.78, 24.51, -31.21
CIE LCh	56, 39.687, 308.140
Yxy	23.6951, 0.2757, 0.2308
Android (android.graphics.Color)	4287986108 (0xFF9579BC)
YUV	137.0100, 25.1381, 10.5152
Hunter-Lab	48.6776, 18.6224, -27.6284

Details

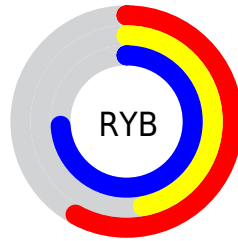
The XYZ color **28.3089, 23.6951, 50.6585** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.9322, 44.8210, 24.8475**, and the grayscale version is **23.6916, 24.9254, 27.1438**.

A 20% lighter version of the original color is **56.3670, 49.6411, 92.1988**, and **11.5502, 8.8973, 23.6629** is the 20% darker color. If you saturate the color by 10%, you get **24.3395, 18.5818, 49.8811**, and if you desaturate by 10%, it is **32.9128, 29.7974, 51.5941**.

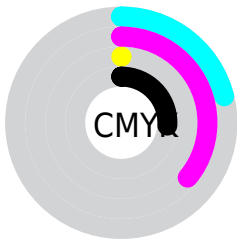
Distribution



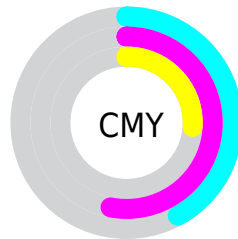
- Red (58%)
- Green (47%)
- Blue (74%)



- Red (58%)
- Yellow (47%)
- Blue (74%)



- Cyan (21%)
- Magenta (36%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3089, 23.6951, 50.6585 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 28.3089, 23.6951, 50.6585 by changing the saturation by 10% instead.

■ 28.3089, 23.6951,
50.6585

■ 28.3089, 23.6951,
50.6585

285.9934,
271.2754, 406.0441

■ 18.7003, 15.1076,
35.5621

■ 56.3824, 49.5322,
92.5561

■ 11.5566, 8.8949,
23.8091

■ 75.5781, 67.5506,
120.1944

■ 6.5126, 4.6727,
14.9812

■ 98.7001, 89.4814,
152.8503

■ 3.2028, 2.0565,
8.6597

126.1139,
115.7090, 190.9424

■ 1.2619, 0.6400,
4.4261

158.1847,
146.6178, 234.8894

■ 0.1544, 0.0000,
1.8619

195.2780,

■ 0.0000, 0.0000,

182.5922, 285.1096

0.4683

237.7591,
224.0166, 342.0217

■ 0.0000, 0.0000,
0.0000

■ 28.3089, 23.6951,
50.6585

■ 28.3089, 23.6951,
50.6585

■ 24.3395, 18.5818,
49.8811

■ 32.9128, 29.7974,
51.5941

■ 20.9710, 14.4001,
49.2515

■ 38.1775, 36.9362,
52.6946

■ 18.1702, 11.0908,
48.7604

■ 44.1307, 45.1592,
53.9680

■ 15.8992, 8.5866,
48.3967

■ 50.7980, 54.5103,
55.4215

■ 14.1147, 6.8097,
48.1478

■ 58.2031, 65.0309,
57.0619

12.7638, 5.6636,
47.9978

66.3690, 76.7604,
58.8955

12.2658, 5.2747,
47.9490

75.3175, 89.7361,
60.9285

79.6115, 93.0777,
61.3471

83.3684, 95.0144,
61.5230

Harmonies

Analogous

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



23.7710, 23.6951, 58.9949



28.3089, 23.6951, 50.6585



31.5603, 23.6951, 36.1889

Triad

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



28.3089, 23.6951, 50.6585



25.9050, 23.6951, 8.9401



14.9856, 23.6951, 29.4761

Complementary

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



28.3089, 23.6951, 50.6585



35.9322, 44.8210, 24.8475

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.



15.3977, 23.6951, 17.6179



28.3089, 23.6951, 50.6585



21.3166, 23.6951, 8.2042

Square

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



28.3089, 23.6951, 50.6585



30.0485, 23.6951, 13.3068



17.5820, 23.6951, 10.7883



16.3698, 23.6951, 44.3644

Rectangle

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



28.3089, 23.6951, 50.6585



32.3413, 23.6951, 26.6141



17.5820, 23.6951, 10.7883



14.9226, 23.6951, 25.0026

Sweetspot

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



28.3097, 23.6961, 50.6590



73.8423, 73.3355, 96.4895



29.5482, 32.8671, 52.3639



15.5700, 15.3439, 20.6836



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.



28.3097, 23.6961, 50.6590



45.4155, 35.3333, 90.6526



35.3050, 27.3023, 50.9864



9.3842, 9.4149, 11.9949



8.4318, 3.6328, 32.6497



0.4050, 0.1808, 1.2824

Inverse Universe

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



33.9222, 26.9050, 36.6635



57.4170, 42.2054, 60.2605



30.1256, 41.8276, 24.5758



9.7567, 9.6270, 11.1079



16.0532, 8.0524, 10.8397



0.6607, 0.3282, 0.5927

Previews

White Background



This preview shows how the XYZ color 28.3089, 23.6951, 50.6585 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 28.3089, 23.6951, 50.6585 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 28.3089, 23.6951, 50.6585

Background



This preview shows how black text looks on a background with the XYZ color 28.3089, 23.6951, 50.6585.



This preview shows how white text looks on a background with the XYZ color 28.3089, 23.6951,

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

28.3089, 23.6951, 50.6585

Protanopia

25.0114, 23.9785, 56.1334

Deuteranopia

24.3166, 23.7607, 49.7590



Tritanopia

23.9085, 23.8184, 28.5366

Trichromacy



Original Color

28.3089, 23.6951, 50.6585

Protanomaly

25.9142, 23.6934, 54.2464

Deuteranomaly

25.5909, 23.6154, 50.2231

Tritanomaly

25.2625, 23.5767, 35.5670

Monochromacy



Original Color

28.3089, 23.6951, 50.6585

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1016, 24.2956, 34.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3089, 23.6951, 50.6585 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(149, 121, 188)` looks like.

```
.text, #text, p{  
    color:rgb(149, 121, 188)  
}
```

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(149, 121, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 121, 188) }
```

Border

The CSS property to change the border of an element to XYZ 28.3089, 23.6951, 50.6585 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(149, 121, 188) }
```


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

```
.border{ border-color:rgb(149, 121, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 121, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 121, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 121, 188); box-shadow:4px 4px 4px 4px rgb(149, 121, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3089, 23.6951, 50.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 121, 188) }
```

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

```
.background{ background-color: rgb(149,  
121, 188) }
```

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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