

Converting Colors

XYZ(29.6168, 27.5387, 51.0647)

Have a look what the booklet for
XYZ(29.6168, 27.5387, 51.0647)
contains.

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Color

**XYZ(29.6998, 27.5419,
51.3277)**

Conversions

Conversions Part 1

Format	Color
Hex	9189BC
RGB	145, 137, 188
RGB Percent	57%, 54%, 74%
CMY	0.4314, 0.4627, 0.2627
CMYK	0.23, 0.27, 0.00, 0.26
HSL	249°, 28%, 64%
HSV	249°, 27%, 74%
XYZ	29.6998, 27.5419, 51.3277
YIQ	145.2060, -11.6030, 17.5570

Conversions

Conversions Part 2

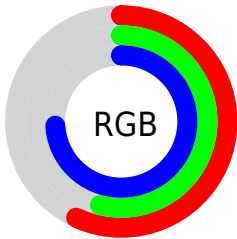
Format	Color
R_{YB}	145, 137, 188
Decimal	9537980
CIE _{Lab}	59.47, 13.98, -25.53
CIE _{LCh}	59, 29.106, 298.706
Yxy	27.5419, 0.2736, 0.2537
Android (android.graphics.Color)	4287728060 (0xFF9189BC)
YUV	145.2060, 21.0974, -0.1807
Hunter-Lab	52.4804, 9.1764, -21.2515

Details

The XYZ color **29.6998, 27.5419, 51.3277** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.3218, 47.4765, 30.6541**, and the grayscale version is **26.9184, 28.3202, 30.8407**.

A 20% lighter version of the original color is **58.5620, 55.6379, 93.2406**, and **12.2956, 10.8928, 24.3761** is the 20% darker color. If you saturate the color by 10%, you get **24.6557, 21.3146, 50.3920**, and if you desaturate by 10%, it is **35.6011, 34.9036, 52.4381**.

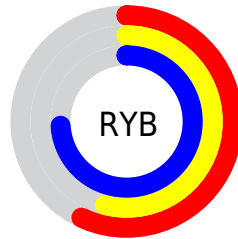
Distribution



Red (57%)

Green (54%)

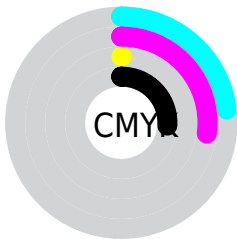
Blue (74%)



Red (57%)

Yellow (54%)

Blue (74%)

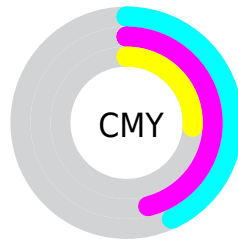


Cyan (23%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6998, 27.5419, 51.3277 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 29.6998, 27.5419, 51.3277 by changing the saturation by 10% instead.

■ 29.6998, 27.5419,
51.3277

■ 29.6998, 27.5419,
51.3277

292.4376,
290.2714, 408.7185

■ 19.7578, 17.9806,
36.0909

■ 58.5770, 55.7522,
93.5554

■ 12.3263, 10.9361,
24.2142

■ 78.2429, 75.1701,
121.3835

■ 7.0401, 6.0239,
15.2789

■ 101.8808, 98.6422,
154.2457

■ 3.5338, 2.8596,
8.8666

129.8560,
126.5531, 192.5607

■ 1.4419, 1.0589,
4.5586

162.5340,
159.2870, 236.7469

■ 0.2858, 0.0000,
1.9365

200.2800,

■ 0.0000, 0.0000,

197.2285, 287.2229

0.5158

243.4594,
240.7618, 344.4073

■ 0.0000, 0.0000,
0.0000

■ 29.6998, 27.5419,
51.3277

■ 29.6998, 27.5419,
51.3277

■ 24.6557, 21.3146,
50.3920

■ 35.6011, 34.9036,
52.4381

■ 20.4260, 16.1617,
49.6203

■ 42.3943, 43.4491,
53.7295

■ 16.9679, 12.0230,
49.0038

■ 50.1157, 53.2286,
55.2101

■ 14.2338, 8.8305,
48.5316

■ 58.7986, 64.2886,
56.8873

■ 12.1708, 6.5083,
48.1921

■ 68.4747, 76.6733,
58.7678

■ 10.7182, 4.9680,
47.9714

■ 79.1742, 90.4245,
60.8581

■ 9.7969, 4.0890,
47.8503

■ 86.0772, 96.4109,
61.6498

■ 9.5978, 3.8993,
47.8242

Harmonies

Analogous

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



26.0194, 27.5419, 54.9409



29.6998, 27.5419, 51.3277



32.6527, 27.5419, 41.7026

Triad

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



29.6998, 27.5419, 51.3277



29.9998, 27.5419, 15.8701



19.7627, 27.5419, 29.5363

Complementary

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



29.6998, 27.5419, 51.3277



41.3218, 47.4765, 30.6541

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.



20.6209, 27.5419, 20.7032



29.6998, 27.5419, 51.3277



26.3367, 27.5419, 14.0338

Square

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



29.6998, 27.5419, 51.3277



32.8369, 27.5419, 21.3241



22.9458, 27.5419, 15.5746



20.4858, 27.5419, 40.7296

Rectangle

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



29.6998, 27.5419, 51.3277



33.6904, 27.5419, 34.1046



22.9458, 27.5419, 15.5746



19.8742, 27.5419, 26.2176

Sweetspot

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



29.7007, 27.5430, 51.3283



75.5208, 77.0887, 97.1254



35.7865, 41.7340, 53.7467



15.8232, 16.0515, 20.8068



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.



29.7007, 27.5430, 51.3283



47.7895, 42.4474, 91.9006



34.6336, 30.0860, 51.5592



9.1522, 9.2953, 11.9840



6.5761, 2.6762, 32.5629



0.3022, 0.1278, 1.2776

Inverse Universe

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



37.9237, 31.8790, 47.3354



65.4486, 51.7667, 82.9825



35.9882, 44.7270, 30.4045



9.8639, 9.6699, 11.6724



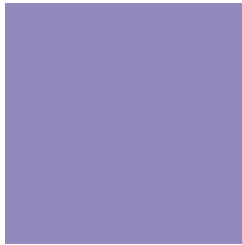
18.3748, 8.9811, 23.0649



0.7373, 0.3588, 0.9960

Previews

White Background



This preview shows how the XYZ color 29.6998, 27.5419, 51.3277 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 29.6998, 27.5419, 51.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

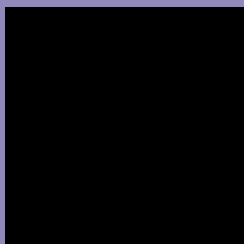
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6998, 27.5419, 51.3277

Background



This preview shows how black text looks on a background with the XYZ color 29.6998, 27.5419, 51.3277.



This preview shows how white text looks on a background with the XYZ color 29.6998, 27.5419,

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

29.6998, 27.5419, 51.3277

Protanopia

27.9821, 27.4785, 53.1193

Deuteranopia

28.1674, 27.6242, 50.8611



Tritanopia

26.3863, 27.5004, 34.9278

Trichromacy



Original Color

29.6998, 27.5419, 51.3277

Protanomaly

28.6640, 27.6248, 52.5366

Deuteranomaly

28.6643, 27.6624, 50.8423

Tritanomaly

27.4844, 27.5025, 40.4191

Monochromacy



Original Color

29.6998, 27.5419, 51.3277

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.7831, 27.9390, 37.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6998, 27.5419, 51.3277 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(145, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 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(145, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 188) }
```

Border

The CSS property to change the border of an element to XYZ 29.6998, 27.5419, 51.3277 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(145, 137, 188) }
```


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

```
.border{ border-color:rgb(145, 137, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 188);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6998, 27.5419, 51.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 137, 188) }
```

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

```
.background{ background-color: rgb(145,  
137, 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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