

Converting Colors

XYZ(27.5923, 25.8263, 42.0588)

Have a look what the booklet for
XYZ(27.5923, 25.8263, 42.0588)
contains.

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Color

**XYZ(27.5923, 25.8263,
42.0588)**

Conversions

Conversions Part 1

Format	Color
Hex	9285AB
RGB	146, 133, 171
RGB Percent	57%, 52%, 67%
CMY	0.4274, 0.4784, 0.3294
CMYK	0.15, 0.22, 0.00, 0.33
HSL	261°, 18%, 60%
HSV	261°, 22%, 67%
XYZ	27.5923, 25.8263, 42.0588
YIQ	141.2190, -4.4500, 14.5740

Conversions

Conversions Part 2

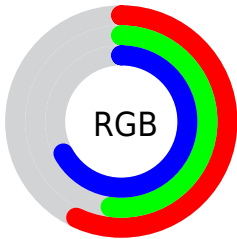
Format	Color
RYB	146, 133, 171
Decimal	9602475
CIELab	57.87, 12.66, -18.29
CIELCh	58, 22.243, 304.683
Yxy	25.8263, 0.2890, 0.2705
Android (android.graphics.Color)	4287792555 (0xFF9285AB)
YUV	141.2190, 14.6820, 4.1929
Hunter-Lab	50.8196, 7.9816, -13.4953

Details

The XYZ color **27.5923, 25.8263, 42.0588** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.8979, 38.0890, 27.8094**, and the grayscale version is **25.3494, 26.6696, 29.0432**.

A 20% lighter version of the original color is **55.1058, 52.8882, 79.2556**, and **11.1423, 9.9513, 18.7863** is the 20% darker color. If you saturate the color by 10%, you get **23.5367, 20.5391, 41.2524**, and if you desaturate by 10%, it is **32.2275, 31.9794, 43.0026**.

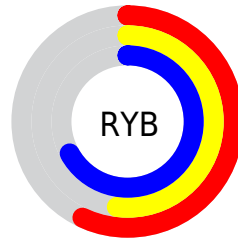
Distribution



Red (57%)

Green (52%)

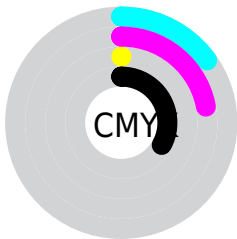
Blue (67%)



Red (57%)

Yellow (52%)

Blue (67%)

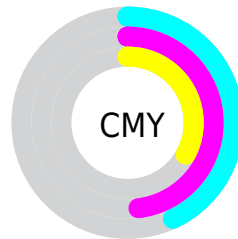


Cyan (15%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (43%)

Magenta (48%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5923, 25.8263, 42.0588 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 27.5923, 25.8263, 42.0588 by changing the saturation by 10% instead.

■ 27.5923, 25.8263,
42.0588

■ 27.5923, 25.8263,
42.0588

282.6292,
281.9284, 370.5335

■ 18.1574, 16.6937,
28.8214

■ 55.2461, 52.9946,
79.5597

■ 11.1635, 10.0164,
18.7014

■ 74.1957, 71.7991,
104.6602

■ 6.2450, 5.4098,
11.2801

■ 97.0476, 94.5964,
134.5523

■ 3.0367, 2.4897,
6.1390

124.1672,
121.7709, 169.6543

■ 1.1732, 0.8715,
2.8596

155.9198,
153.7069, 210.3849

■ 0.0850, 0.0000,
1.0234

192.6707,

■ 0.0000, 0.0000,

190.7889, 257.1626

0.0000

234.7854,
233.4013, 310.4060

■ 27.5923, 25.8263,
42.0588

■ 27.5923, 25.8263,
42.0588

■ 23.5367, 20.5391,
41.2524

■ 32.2275, 31.9794,
43.0026

■ 20.0343, 16.0747,
40.5753

■ 37.4624, 39.0324,
44.0880

■ 17.0598, 12.3914,
40.0211

■ 43.3192, 47.0211,
45.3213

■ 14.5853, 9.4422,
39.5823

■ 49.8182, 55.9787,
46.7078

■ 12.5797, 7.1749,
39.2504

■ 56.9786, 65.9366,
48.2524

■ 11.0083, 5.5303,
39.0158

■ 64.8190, 76.9247,
49.9601

■ 9.8305, 4.4381,
38.8670

■ 73.3571, 88.9719,
51.8355

■ 9.1248, 3.8549,
38.7916

■ 77.7041, 92.2938,
52.2476

■ 81.5582, 94.2807,
52.4279

Harmonies

Analogous

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



24.9695, 25.8263, 45.5084



27.5923, 25.8263, 42.0588



29.4972, 25.8263, 34.9030

Triad

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



27.5923, 25.8263, 42.0588



26.8134, 25.8263, 16.7944



19.7686, 25.8263, 29.3404

Complementary

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



27.5923, 25.8263, 42.0588



32.8979, 38.0890, 27.8094

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.



20.1844, 25.8263, 22.2789



27.5923, 25.8263, 42.0588



24.1296, 25.8263, 15.8442

Square

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



27.5923, 25.8263, 42.0588



29.0251, 25.8263, 20.5425



21.7347, 25.8263, 17.6618



20.5552, 25.8263, 37.3647

Rectangle

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



27.5923, 25.8263, 42.0588



30.0339, 25.8263, 29.5080



21.7347, 25.8263, 17.6618



19.7729, 25.8263, 26.7771

Sweetspot

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



27.5931, 25.8274, 42.0594



62.3590, 63.5056, 77.9730



29.3082, 32.4952, 43.2560



13.7873, 14.0017, 17.3636



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.5931, 25.8274, 42.0594



45.4722, 41.0881, 74.5360



31.1868, 27.6800, 42.2276



7.8276, 7.8854, 10.0622



6.9303, 2.9326, 29.2453



0.2524, 0.1123, 0.8164

Inverse Universe

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



31.3545, 27.9026, 36.0819



53.5748, 45.5631, 61.4507



29.5006, 36.3376, 27.6504



8.2189, 8.1008, 9.4634



14.9119, 7.4273, 12.4475



0.4391, 0.2163, 0.4743

Previews

White Background



This preview shows how the XYZ color 27.5923, 25.8263, 42.0588 looks on a white background.

Color Contrast Check

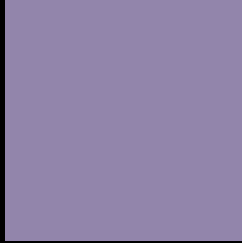
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5923, 25.8263, 42.0588 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 27.5923, 25.8263, 42.0588

Background



This preview shows how black text looks on a background with the XYZ color 27.5923, 25.8263, 42.0588.



This preview shows how white text looks on a background with the XYZ color 27.5923, 25.8263,

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

27.5923, 25.8263, 42.0588

Protanopia

25.9344, 25.9788, 43.6919

Deuteranopia

26.3764, 25.8290, 41.6255



Tritanopia

25.4463, 25.7802, 31.6519

Trichromacy



Original Color

27.5923, 25.8263, 42.0588

Protanomaly

26.5003, 25.8597, 43.1299

Deuteranomaly

26.7349, 25.8057, 41.6021

Tritanomaly

26.1326, 25.8483, 35.0644

Monochromacy



Original Color

27.5923, 25.8263, 42.0588

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0837, 26.2836, 33.4042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5923, 25.8263, 42.0588 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(146, 133, 171)` looks like.

```
.text, #text, p{  
    color:rgb(146, 133, 171)  
}
```

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(146, 133, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 133, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.5923, 25.8263, 42.0588 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(146, 133, 171) }
```


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

```
.border{ border-color:rgb(146, 133, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 133, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 133, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 133, 171);  
box-shadow:4px 4px 4px 4px rgb(146, 133,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5923, 25.8263, 42.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 133, 171) }
```

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

```
.background{ background-color: rgb(146,  
133, 171) }
```

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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