

Converting Colors

XYZ(27.2565, 25.5364, 38.1428)

Have a look what the booklet for
XYZ(27.2565, 25.5364, 38.1428)
contains.

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Color

**XYZ(27.2565, 25.5364,
38.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	9584A3
RGB	149, 132, 163
RGB Percent	58%, 52%, 64%
CMY	0.4157, 0.4823, 0.3608
CMYK	0.09, 0.19, 0.00, 0.36
HSL	273°, 14%, 58%
HSV	273°, 19%, 64%
XYZ	27.2565, 25.5364, 38.1428
YIQ	140.6170, 0.1810, 13.2450

Conversions

Conversions Part 2

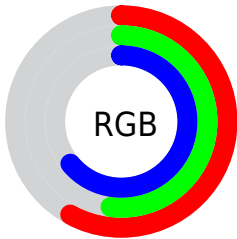
Format	Color
R_{YB}	149, 132, 163
Decimal	9798819
CIE _{Lab}	57.59, 12.50, -14.10
CIE _{LCh}	58, 18.847, 311.566
Yxy	25.5364, 0.2997, 0.2808
Android (android.graphics.Color)	4287988899 (0xFF9584A3)
YUV	140.6170, 11.0348, 7.3519
Hunter-Lab	50.5336, 7.8446, -9.3787

Details

The XYZ color **27.2565, 25.5364, 38.1428** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **29.1171, 33.9720, 26.8536**, and the grayscale version is **25.1264, 26.4349, 28.7877**.

A 20% lighter version of the original color is **54.6325, 52.4564, 73.5753**, and **10.9995, 9.9309, 16.3760** is the 20% darker color. If you saturate the color by 10%, you get **23.9157, 20.7858, 37.4023**, and if you desaturate by 10%, it is **31.0291, 31.0237, 39.0035**.

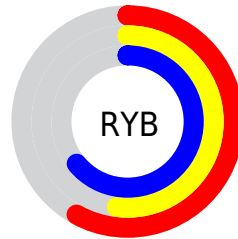
Distribution



Red (58%)

Green (52%)

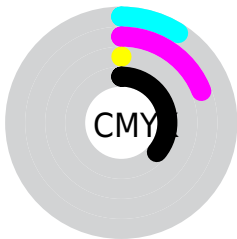
Blue (64%)



Red (58%)

Yellow (52%)

Blue (64%)

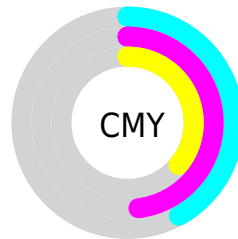


Cyan (9%)

Magenta (19%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2565, 25.5364, 38.1428 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 27.2565, 25.5364, 38.1428 by changing the saturation by 10% instead.

■ 27.2565, 25.5364,
38.1428

■ 27.2565, 25.5364,
38.1428

281.0419,
280.4988, 353.5487

■ 17.9035, 16.4771,
25.7908

■ 54.7122, 52.5261,
73.5328

■ 10.9800, 9.8624,
16.4429

■ 73.5456, 71.2253,
97.4079

■ 6.1206, 5.3078,
9.6803

■ 96.2699, 93.9067,
125.9612

■ 2.9599, 2.4290,
5.0847

123.2504,
120.9545, 159.6112

■ 1.1326, 0.8407,
2.2374

154.8525,
152.7532, 198.7764

■ 0.0521, 0.0000,
0.6959

191.4416,

■ 0.0000, 0.0000,

189.6873, 243.8753

0.0000

233.3829,
232.1410, 295.3266

■ 27.2565, 25.5364,
38.1428

■ 27.2565, 25.5364,
38.1428

■ 23.9157, 20.7858,
37.4023

■ 31.0291, 31.0237,
39.0035

■ 20.9869, 16.7358,
36.7750

■ 35.2478, 37.2751,
39.9878

■ 18.4519, 13.3522,
36.2555

■ 39.9287, 44.3206,
41.1010

■ 16.2904, 10.5965,
35.8375

■ 45.0866, 52.1876,
42.3476

■ 14.4797, 8.4262,
35.5140

■ 50.7357, 60.9021,
43.7320

■ 12.9946, 6.7930,
35.2770

■ 56.8894, 70.4890,
45.2581

■ 11.8055, 5.6410,
35.1174

■ 63.5606, 80.9722,
46.9299

■ 10.8552, 4.8582,
35.0163

■ 68.3540, 87.5591,
47.9487

■ 10.7676, 4.7872,
35.0073

■ 70.4709, 88.6505,
48.0478

Harmonies

Analogous

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



25.1493, 25.5364, 41.7947



27.2565, 25.5364, 38.1428



28.6113, 25.5364, 31.9093

Triad

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



27.2565, 25.5364, 38.1428



25.6654, 25.5364, 17.6294



20.2753, 25.5364, 30.3636

Complementary

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



27.2565, 25.5364, 38.1428



29.1171, 33.9720, 26.8536

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.



20.3945, 25.5364, 24.0683



27.2565, 25.5364, 38.1428



23.4145, 25.5364, 17.3474

Square

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



27.2565, 25.5364, 38.1428



27.6543, 25.5364, 20.3680



21.5130, 25.5364, 19.5271



21.1766, 25.5364, 36.8618

Rectangle

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



27.2565, 25.5364, 38.1428



28.8579, 25.5364, 27.4675



21.5130, 25.5364, 19.5271



20.1989, 25.5364, 28.1448

Sweetspot

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



27.2573, 25.5375, 38.1434



57.6816, 58.6697, 70.3404



26.4785, 28.2528, 38.7085



12.8541, 13.0280, 15.7747



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.



27.2573, 25.5375, 38.1434



46.0829, 41.8237, 67.7001



29.8749, 26.8976, 37.7845



7.0543, 7.0423, 8.8906



8.4212, 3.7478, 27.2093



0.2305, 0.1063, 0.5742

Inverse Universe

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



28.5447, 26.3655, 30.7800



48.8949, 43.6299, 51.7191



26.8498, 32.7950, 27.1185



7.2005, 7.1367, 8.0424



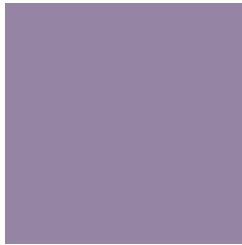
12.7118, 6.4408, 5.6730



0.2908, 0.1448, 0.2441

Previews

White Background



This preview shows how the XYZ color 27.2565, 25.5364, 38.1428 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 27.2565, 25.5364, 38.1428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

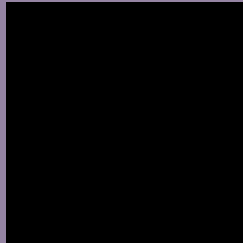
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2565, 25.5364, 38.1428

Background



This preview shows how black text looks on a background with the XYZ color 27.2565, 25.5364, 38.1428.



This preview shows how white text looks on a background with the XYZ color 27.2565, 25.5364,

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

27.2565, 25.5364, 38.1428

Protanopia

25.3443, 25.5500, 39.6723

Deuteranopia

26.0008, 25.5120, 37.7363



Tritanopia

25.7063, 25.5143, 30.7640

Trichromacy



Original Color

27.2565, 25.5364, 38.1428

Protanomaly

25.9367, 25.4478, 39.1422

Deuteranomaly

26.3744, 25.4985, 37.7140

Tritanomaly

26.2252, 25.5202, 33.2494

Monochromacy



Original Color

27.2565, 25.5364, 38.1428

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0149, 26.2762, 32.1344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2565, 25.5364, 38.1428 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, 132, 163)` looks like.

```
.text, #text, p{  
    color:rgb(149, 132, 163)  
}
```

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, 132, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 132, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.2565, 25.5364, 38.1428 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, 132, 163) }
```


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

```
.border{ border-color:rgb(149, 132, 163) }
```

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

Here you see how a box with a 4 pixel rgb(149, 132, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 132, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 132, 163);  
box-shadow:4px 4px 4px 4px rgb(149, 132,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2565, 25.5364, 38.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 132, 163) }
```

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

```
.background{ background-color: rgb(149,  
132, 163) }
```

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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