

Converting Colors

XYZ(27.2178, 25.8215, 41.1099)

Have a look what the booklet for
XYZ(27.2178, 25.8215, 41.1099)
contains.

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Color

**XYZ(27.1881, 25.8441,
41.0915)**

Conversions

Conversions Part 1

Format	Color
Hex	9086A9
RGB	144, 134, 169
RGB Percent	56%, 53%, 66%
CMY	0.4353, 0.4745, 0.3373
CMYK	0.15, 0.21, 0.00, 0.34
HSL	257°, 17%, 59%
HSV	257°, 21%, 66%
XYZ	27.1881, 25.8441, 41.0915
YIQ	140.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

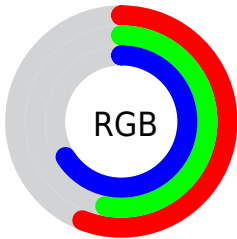
Format	Color
RYB	144, 134, 169
Decimal	9471657
CIELab	57.89, 10.96, -17.14
CIElCh	58, 20.341, 302.600
Yxy	25.8441, 0.2889, 0.2746
Android (android.graphics.Color)	4287661737 (0xFF9086A9)
YUV	140.9800, 13.8139, 2.6485
Hunter-Lab	50.8371, 6.4984, -12.3380

Details

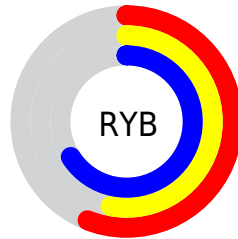
The XYZ color **27.1881, 25.8441, 41.0915** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.7901, 37.4688, 28.0595**, and the grayscale version is **25.2593, 26.5748, 28.9400**.

A 20% lighter version of the original color is **54.5136, 52.9282, 77.8640**, and **10.8954, 9.9522, 18.1763** is the 20% darker color. If you saturate the color by 10%, you get **23.0395, 20.5111, 40.2812**, and if you desaturate by 10%, it is **31.9371, 32.0420, 42.0379**.

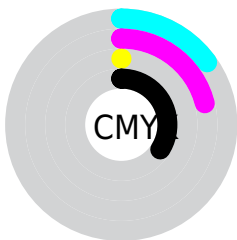
Distribution



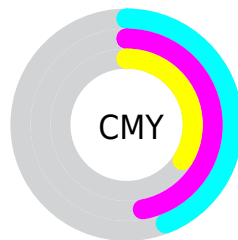
- Red (56%)
- Green (53%)
- Blue (66%)



- Red (56%)
- Yellow (53%)
- Blue (66%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1881, 25.8441, 41.0915 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 27.1881, 25.8441, 41.0915 by changing the saturation by 10% instead.

■ 27.1881, 25.8441,
41.0915

■ 27.1881, 25.8441,
41.0915

280.7177,
282.0159, 366.3909

■ 17.8519, 16.7070,
28.0703

■ 54.6033, 53.0233,
78.0780

■ 10.9427, 10.0258,
18.1392

■ 73.4130, 71.8343,
102.8803

■ 6.0953, 5.4161,
10.8795

■ 96.1112, 94.6387,
132.4469

■ 2.9444, 2.4934,
5.8727

123.0633,
121.8209, 167.1961

■ 1.1244, 0.8733,
2.7003

154.6347,
153.7654, 207.5466

■ 0.0454, 0.0000,
0.9436

191.1906,

■ 0.0000, 0.0000,

190.8564, 253.9168

0.0000

233.0965,
233.4785, 306.7254

■ 27.1881, 25.8441,
41.0915

■ 27.1881, 25.8441,
41.0915

■ 23.0395, 20.5111,
40.2812

■ 31.9371, 32.0420,
42.0379

■ 19.4641, 16.0009,
39.5991

■ 37.3074, 39.1382,
43.1246

■ 16.4362, 12.2723,
39.0390

■ 43.3217, 47.1681,
44.3575

■ 13.9271, 9.2796,
38.5936

■ 50.0009, 56.1643,
45.7419

■ 11.9050, 6.9718,
38.2547

■ 57.3650, 66.1577,
47.2827

■ 10.3348, 5.2916,
38.0131

■ 65.4330, 77.1780,
48.9846

■ 9.1756, 4.1715,
37.8580

■ 74.2232, 89.2534,
50.8521

■ 8.3936, 3.4998,
37.7696

■ 79.0534, 93.0113,
51.3229

■ 83.3024, 95.2017,
51.5217

Harmonies

Analogous

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



24.7782, 25.8441, 43.8673



27.1881, 25.8441, 41.0915



28.9841, 25.8441, 34.8099

Triad

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



27.1881, 25.8441, 41.0915



26.7943, 25.8441, 17.7889



20.1559, 25.8441, 28.7558

Complementary

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



27.1881, 25.8441, 41.0915



32.7901, 37.4688, 28.0595

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.



20.6179, 25.8441, 22.3813



27.1881, 25.8441, 41.0915



24.3511, 25.8441, 16.7080

Square

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



27.1881, 25.8441, 41.0915



28.7463, 25.8441, 21.4843



22.1145, 25.8441, 18.2432



20.8085, 25.8441, 36.0448

Rectangle

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



27.1881, 25.8441, 41.0915



29.5333, 25.8441, 29.9118



22.1145, 25.8441, 18.2432



20.1860, 25.8441, 26.4393

Sweetspot

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



27.1889, 25.8452, 41.0921



61.4814, 63.0284, 76.1504



29.4063, 32.7587, 42.3097



13.2727, 13.5690, 16.5717



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.1889, 25.8452, 41.0921



45.0407, 41.5713, 72.8753



30.4694, 27.5363, 41.2456



7.3256, 7.4005, 9.4607



6.3025, 2.6325, 28.1514



0.2028, 0.0896, 0.6872

Inverse Universe

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



31.1462, 27.9896, 36.5632



53.5201, 46.1702, 62.9902



29.5759, 35.8118, 27.9091



7.7492, 7.6295, 8.9963



14.7779, 7.3199, 14.1741



0.3799, 0.1862, 0.4520

Previews

White Background



This preview shows how the XYZ color 27.1881, 25.8441, 41.0915 looks on a white background.

Color Contrast Check

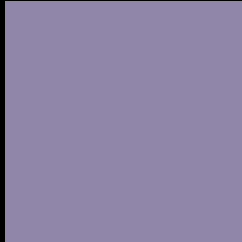
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1881, 25.8441, 41.0915 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 27.1881, 25.8441, 41.0915

Background



This preview shows how black text looks on a background with the XYZ color 27.1881, 25.8441, 41.0915.



This preview shows how white text looks on a background with the XYZ color 27.1881, 25.8441,

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

27.1881, 25.8441, 41.0915

Protanopia

25.8949, 25.9808, 42.6797

Deuteranopia

26.4468, 25.8762, 41.1368



Tritanopia

25.4978, 26.0096, 32.1102

Trichromacy



Original Color

27.1881, 25.8441, 41.0915

Protanomaly

26.4497, 26.0658, 42.1652

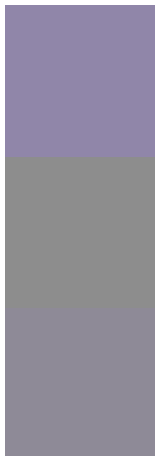
Deuteranomaly

26.6406, 25.7680, 41.1057

Tritanomaly

26.1017, 26.0424, 35.1035

Monochromacy



Original Color

27.1881, 25.8441, 41.0915

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.8297, 26.1621, 32.9666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1881, 25.8441, 41.0915 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(144, 134, 169)` looks like.

```
.text, #text, p{  
    color:rgb(144, 134, 169)  
}
```

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(144, 134, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 134, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.1881, 25.8441, 41.0915 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(144, 134, 169) }
```


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

```
.border{ border-color:rgb(144, 134, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 134, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 134, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 134, 169);  
box-shadow:4px 4px 4px 4px rgb(144, 134,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1881, 25.8441, 41.0915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 134, 169) }
```

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

```
.background{ background-color: rgb(144,  
134, 169) }
```

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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