

Converting Colors

XYZ(27.9904, 25.8511, 41.0506)

Have a look what the booklet for
XYZ(27.9904, 25.8511, 41.0506)
contains.

XYZ(27.9904, 25.8511, 41.0506)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.9904, 25.8511,
41.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	9684A9
RGB	150, 132, 169
RGB Percent	59%, 52%, 66%
CMY	0.4118, 0.4823, 0.3373
CMYK	0.11, 0.22, 0.00, 0.34
HSL	269°, 18%, 59%
HSV	269°, 22%, 66%
XYZ	27.9904, 25.8511, 41.0506
YIQ	141.6000, -1.1490, 15.3230

Conversions

Conversions Part 2

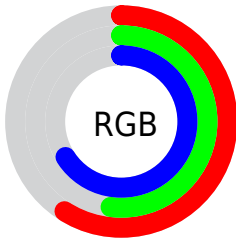
Format	Color
R_{YB}	150, 132, 169
Decimal	9864361
CIE _{Lab}	57.90, 14.14, -17.08
CIE _{LCh}	58, 22.171, 309.625
Yxy	25.8511, 0.2950, 0.2724
Android (android.graphics.Color)	4288054441 (0xFF9684A9)
YUV	141.6000, 13.5082, 7.3668
Hunter-Lab	50.8440, 9.2901, -12.2790

Details

The XYZ color **27.9904, 25.8511, 41.0506** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.1161, 36.6218, 27.2596**, and the grayscale version is **25.5027, 26.8308, 29.2188**.

A 20% lighter version of the original color is **55.7053, 52.9171, 77.7990**, and **11.3738, 9.9716, 18.1549** is the 20% darker color. If you saturate the color by 10%, you get **24.3436, 20.8407, 40.2761**, and if you desaturate by 10%, it is **32.1284, 31.6672, 41.9555**.

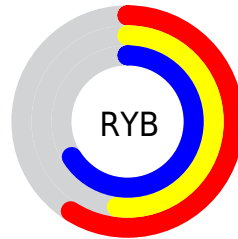
Distribution



Red (59%)

Green (52%)

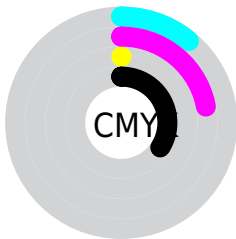
Blue (66%)



Red (59%)

Yellow (52%)

Blue (66%)

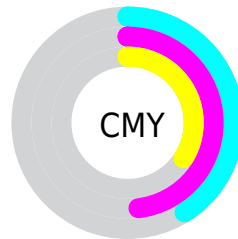


Cyan (11%)

Magenta (22%)

Yellow (0%)

Black (34%)



Cyan (41%)

Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9904, 25.8511, 41.0506 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 27.9904, 25.8511, 41.0506 by changing the saturation by 10% instead.

■ 27.9904, 25.8511,
41.0506

■ 27.9904, 25.8511,
41.0506

284.5020,
282.0504, 366.2150

■ 18.4588, 16.7123,
28.0386

■ 55.8779, 53.0346,
78.0152

■ 11.3816, 10.0296,
18.1155

■ 74.9645, 71.8481,
102.8049

■ 6.3933, 5.4186,
10.8626

■ 97.9668, 94.6553,
132.3576

■ 3.1286, 2.4949,
5.8615

125.2503,
121.8406, 167.0919

■ 1.2221, 0.8741,
2.6936

157.1801,
153.7883, 207.4262

■ 0.1237, 0.0000,
0.9402

194.1218,

■ 0.0000, 0.0000,

190.8830, 253.7791

0.0000

236.4406,
233.5088, 306.5692

■ 27.9904, 25.8511,
41.0506

■ 27.9904, 25.8511,
41.0506

■ 24.3436, 20.8407,
40.2761

■ 32.1284, 31.6672,
41.9555

■ 21.1651, 16.5957,
39.6243

■ 36.7743, 38.3202,
42.9948

■ 18.4338, 13.0772,
39.0891

■ 41.9468, 45.8438,
44.1744

■ 16.1259, 10.2414,
38.6634

■ 47.6631, 54.2687,
45.4993

■ 14.2148, 8.0397,
38.3391

■ 53.9395, 63.6241,
46.9743

■ 12.6707, 6.4168,
38.1072

■ 60.7916, 73.9379,
48.6039

■ 11.4587, 5.3071,
37.9569

■ 68.2343, 85.2369,
50.3925

■ 10.6600, 4.6681,
37.8757

■ 72.2644, 89.5114,
51.0052

■ 74.9508, 90.8963,
51.1309

Harmonies

Analogous

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



25.4386, 25.8511, 45.2630



27.9904, 25.8511, 41.0506



29.7013, 25.8511, 33.5798

Triad

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



27.9904, 25.8511, 41.0506



26.4007, 25.8511, 16.4972



19.8512, 25.8511, 30.6765

Complementary

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



27.9904, 25.8511, 41.0506



31.1161, 36.6218, 27.2596

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.



20.0678, 25.8511, 23.3350



27.9904, 25.8511, 41.0506



23.7228, 25.8511, 16.0032

Square

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



27.9904, 25.8511, 41.0506



28.7384, 25.8511, 19.7775



21.4415, 25.8511, 18.2784



20.8268, 25.8511, 38.5976

Rectangle

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



27.9904, 25.8511, 41.0506



30.0669, 25.8511, 28.2438



21.4415, 25.8511, 18.2784



19.7887, 25.8511, 28.0514

Sweetspot

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



27.9912, 25.8522, 41.0512



61.3901, 62.2023, 75.9957



27.7634, 29.9418, 41.8526



13.2801, 13.4139, 16.5413



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.



27.9912, 25.8522, 41.0512



47.0361, 42.0202, 72.8567



31.6436, 27.7350, 41.2221



7.4662, 7.4729, 9.4672



8.0062, 3.5108, 28.2312



0.2541, 0.1160, 0.6896

Inverse Universe

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



30.2001, 27.1729, 32.9322



51.7398, 44.8331, 55.5416



27.9661, 34.9979, 27.1122



7.6859, 7.6042, 8.6630



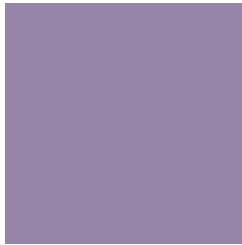
13.4974, 6.8077, 7.4309



0.3541, 0.1759, 0.3162

Previews

White Background



This preview shows how the XYZ color 27.9904, 25.8511, 41.0506 looks on a white background.

Color Contrast Check

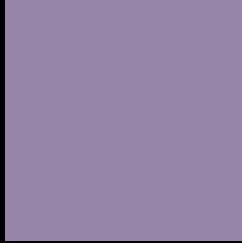
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9904, 25.8511, 41.0506 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 27.9904, 25.8511, 41.0506

Background



This preview shows how black text looks on a background with the XYZ color 27.9904, 25.8511, 41.0506.



This preview shows how white text looks on a background with the XYZ color 27.9904, 25.8511,

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

27.9904, 25.8511, 41.0506

Protanopia

25.9914, 26.0194, 43.1875

Deuteranopia

26.3533, 25.8387, 40.6442



Tritanopia

25.9247, 25.8259, 31.2223

Trichromacy



Original Color

27.9904, 25.8511, 41.0506

Protanomaly

26.7318, 25.9902, 42.6374

Deuteranomaly

26.8872, 25.9059, 40.6290

Tritanomaly

26.6130, 25.8975, 34.6064

Monochromacy



Original Color

27.9904, 25.8511, 41.0506

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4330, 26.4637, 33.4206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9904, 25.8511, 41.0506 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(150, 132, 169)` looks like.

```
.text, #text, p{  
    color:rgb(150, 132, 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(150, 132, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 132, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.9904, 25.8511, 41.0506 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(150, 132, 169) }
```


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

```
.border{ border-color:rgb(150, 132, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 132, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 132, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 132, 169);  
box-shadow:4px 4px 4px 4px rgb(150, 132,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9904, 25.8511, 41.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 132, 169) }
```

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

```
.background{ background-color: rgb(150,  
132, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor