

Converting Colors

XYZ(29.9291, 27.5112, 48.5325)

Have a look what the booklet for
XYZ(29.9291, 27.5112, 48.5325)
contains.

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Color

**XYZ(29.9291, 27.5112,
48.5325)**

Conversions

Conversions Part 1

Format	Color
Hex	9688B7
RGB	150, 136, 183
RGB Percent	59%, 53%, 72%
CMY	0.4118, 0.4667, 0.2823
CMYK	0.18, 0.26, 0.00, 0.28
HSL	258°, 25%, 63%
HSV	258°, 26%, 72%
XYZ	29.9291, 27.5112, 48.5325
YIQ	145.5440, -6.7430, 17.5850

Conversions

Conversions Part 2

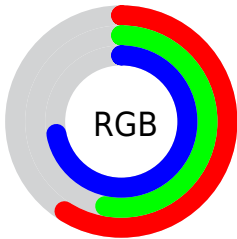
Format	Color
RYB	150, 136, 183
Decimal	9865399
CIELab	59.44, 14.97, -22.70
CIElCh	59, 27.192, 303.409
Yxy	27.5112, 0.2824, 0.2596
Android (android.graphics.Color)	4288055479 (0xFF9688B7)
YUV	145.5440, 18.4658, 3.9079
Hunter-Lab	52.4511, 10.0643, -18.1447

Details

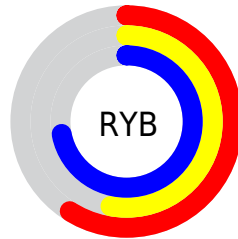
The XYZ color **29.9291, 27.5112, 48.5325** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.7403, 44.0802, 29.8129**, and the grayscale version is **27.0648, 28.4743, 31.0085**.

A 20% lighter version of the original color is **58.9544, 55.6063, 89.2872**, and **12.3941, 10.8640, 22.5628** is the 20% darker color. If you saturate the color by 10%, you get **25.3325, 21.6372, 47.6414**, and if you desaturate by 10%, it is **35.2268, 34.4011, 49.5836**.

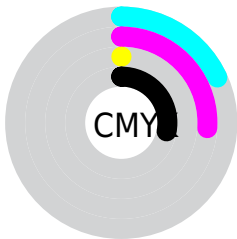
Distribution



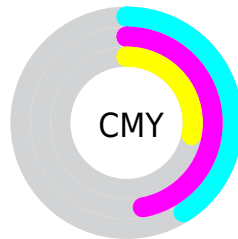
- Red (59%)
- Green (53%)
- Blue (72%)



- Red (59%)
- Yellow (53%)
- Blue (72%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (28%)



- Cyan (41%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9291, 27.5112, 48.5325 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 29.9291, 27.5112, 48.5325 by changing the saturation by 10% instead.

■ 29.9291, 27.5112,
48.5325

■ 29.9291, 27.5112,
48.5325

293.4896,
290.1238, 397.4684

■ 19.9326, 17.9575,
33.8858

■ 58.9374, 55.7031,
89.3705

■ 12.4540, 10.9195,
22.5292

■ 78.6800, 75.1101,
116.3989

■ 7.1281, 6.0127,
14.0443

■ 102.4019, 98.5703,
148.3916

■ 3.5894, 2.8528,
8.0124

130.4685,
126.4682, 185.7671

■ 1.4726, 1.0554,
4.0150

163.2453,
159.1881, 228.9440

■ 0.3070, 0.0000,
1.6336

201.0974,

■ 0.0000, 0.0000,

197.1144, 278.3408

0.3146

244.3904,
240.6315, 334.3761

■ 0.0000, 0.0000,
0.0000

■ 29.9291, 27.5112,
48.5325

■ 29.9291, 27.5112,
48.5325

■ 25.3325, 21.6372,
47.6414

■ 35.2268, 34.4011,
49.5836

■ 21.4036, 16.7269,
46.9007

■ 41.2517, 42.3493,
50.8002

■ 18.1104, 12.7282,
46.3025

■ 48.0317, 51.3996,
52.1898

■ 15.4166, 9.5826,
45.8373

■ 55.5923, 61.5925,
53.7587

■ 13.2823, 7.2249,
45.4947

■ 63.9581, 72.9663,
55.5131

■ 11.6619, 5.5796,
45.2625

■ 73.1523, 85.5575,
57.4589

■ 10.5001, 4.5530,
45.1256

■ 80.2240, 93.4547,
58.6105

■ 10.0962, 4.2174,
45.0821

■ 84.7406, 95.7830,
58.8219

■ 85.5473, 96.1989,
58.8596

Harmonies

Analogous

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



26.5405, 27.5112, 52.8931



29.9291, 27.5112, 48.5325



32.4637, 27.5112, 39.1754

Triad

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



29.9291, 27.5112, 48.5325



29.1960, 27.5112, 16.1009



20.1320, 27.5112, 31.0859

Complementary

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



29.9291, 27.5112, 48.5325



37.7403, 44.0802, 29.8129

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.



20.7106, 27.5112, 22.3083



29.9291, 27.5112, 48.5325



25.7605, 27.5112, 14.8434

Square

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



29.9291, 27.5112, 48.5325



32.0153, 27.5112, 20.7563



22.7006, 27.5112, 16.8506



21.0463, 27.5112, 41.5349

Rectangle

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



29.9291, 27.5112, 48.5325



33.2209, 27.5112, 32.1636



22.7006, 27.5112, 16.8506



20.1587, 27.5112, 27.8500

Sweetspot

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



29.9300, 27.5123, 48.5331



71.1131, 72.1784, 90.4195



33.0169, 37.2848, 50.2567



15.3398, 15.4569, 19.8966



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.9300, 27.5123, 48.5331



48.6541, 42.9237, 85.9565



34.5453, 29.8916, 48.7491



8.7659, 8.8457, 11.3248



7.1045, 2.9737, 31.4526



0.3148, 0.1380, 1.1118

Inverse Universe

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



35.4948, 30.5412, 41.5611



60.4832, 49.3695, 70.8011



33.2649, 41.7730, 29.6034



9.2639, 9.1159, 10.7369



16.3954, 8.1319, 15.2346



0.6038, 0.2970, 0.6732

Previews

White Background



This preview shows how the XYZ color 29.9291, 27.5112, 48.5325 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 29.9291, 27.5112, 48.5325 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 29.9291, 27.5112, 48.5325

Background



This preview shows how black text looks on a background with the XYZ color 29.9291, 27.5112, 48.5325.



This preview shows how white text looks on a background with the XYZ color 29.9291, 27.5112,

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

29.9291, 27.5112, 48.5325

Protanopia

28.0027, 27.7592, 50.8959

Deuteranopia

28.2849, 27.7455, 48.1206



Tritanopia

27.0998, 27.6657, 34.0487

Trichromacy



Original Color

29.9291, 27.5112, 48.5325

Protanomaly

28.7222, 27.7046, 50.2881

Deuteranomaly

28.8314, 27.5934, 48.0625

Tritanomaly

28.1115, 27.6395, 38.9753

Monochromacy



Original Color

29.9291, 27.5112, 48.5325

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9636, 28.0522, 36.7417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9291, 27.5112, 48.5325 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, 136, 183)` looks like.

```
.text, #text, p{  
    color:rgb(150, 136, 183)  
}
```

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, 136, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 136, 183) }
```

Border

The CSS property to change the border of an element to XYZ 29.9291, 27.5112, 48.5325 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, 136, 183) }
```


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

```
.border{ border-color:rgb(150, 136, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 136, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 136, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 136, 183);  
box-shadow:4px 4px 4px 4px rgb(150, 136,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9291, 27.5112, 48.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 136, 183) }
```

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

```
.background{ background-color: rgb(150,  
136, 183) }
```

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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