

Converting Colors

XYZ(29.5395, 26.0611, 44.8299)

Have a look what the booklet for
XYZ(29.5395, 26.0611, 44.8299)
contains.

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Color

**XYZ(29.4964, 25.9428,
45.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	9C81B1
RGB	156, 129, 177
RGB Percent	61%, 51%, 69%
CMY	0.3882, 0.4941, 0.3059
CMYK	0.12, 0.27, 0.00, 0.31
HSL	274°, 24%, 60%
HSV	274°, 27%, 69%
XYZ	29.4964, 25.9428, 45.0478
YIQ	142.5450, 0.6840, 20.6520

Conversions

Conversions Part 2

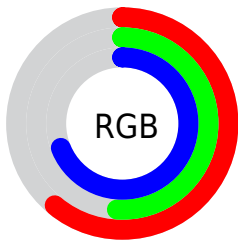
Format	Color
RYB	156, 129, 177
Decimal	10256817
CIELab	57.98, 19.63, -21.47
CIELCh	58, 29.090, 312.428
Yxy	25.9428, 0.2935, 0.2582
Android (android.graphics.Color)	4288446897 (0xFF9C81B1)
YUV	142.5450, 16.9863, 11.8000
Hunter-Lab	50.9341, 14.2364, -16.7842

Details

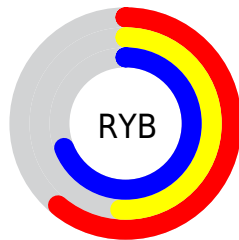
The XYZ color **29.4964, 25.9428, 45.0478** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.2631, 39.5139, 26.6966**, and the grayscale version is **25.8624, 27.2093, 29.6309**.

A 20% lighter version of the original color is **58.2999, 53.1880, 84.2844**, and **12.2157, 10.1356, 20.3813** is the 20% darker color. If you saturate the color by 10%, you get **25.9129, 20.9295, 44.2694**, and if you desaturate by 10%, it is **33.5810, 31.8152, 45.9664**.

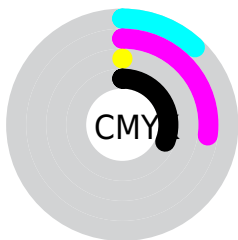
Distribution



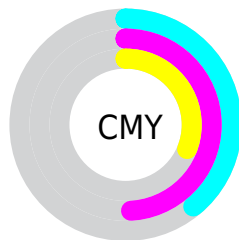
- Red (61%)
- Green (51%)
- Blue (69%)



- Red (61%)
- Yellow (51%)
- Blue (69%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4964, 25.9428, 45.0478 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 29.4964, 25.9428, 45.0478 by changing the saturation by 10% instead.

■ 29.4964, 25.9428,
45.0478

■ 29.4964, 25.9428,
45.0478

291.5021,
282.5012, 383.1329

■ 19.6028, 16.7809,
31.1519

■ 58.2570, 53.1827,
84.1113

■ 12.2132, 10.0784,
20.4551

■ 77.8547, 72.0294,
110.1160

■ 6.9623, 5.4509,
12.5389

■ 101.4178, 94.8731,
140.9940

■ 3.4847, 2.5142,
6.9848

129.3117,
122.0983, 177.1639

■ 1.4149, 0.8837,
3.3743

161.9017,
154.0893, 219.0442

■ 0.2668, 0.0000,
1.2888

199.5532,

■ 0.0000, 0.0000,

191.2305, 267.0534

0.0526

242.6315,
233.9063, 321.6101

■ 0.0000, 0.0000,
0.0000

■ 29.4964, 25.9428,
45.0478

■ 29.4964, 25.9428,
45.0478

■ 25.9129, 20.9295,
44.2694

■ 33.5810, 31.8152,
45.9664

■ 22.8054, 16.7296,
43.6225

■ 38.1851, 38.5830,
47.0301

■ 20.1503, 13.2978,
43.1001

■ 43.3295, 46.2843,
48.2454

■ 17.9205, 10.5829,
42.6936

■ 49.0327, 54.9540,
49.6183

■ 16.0858, 8.5276,
42.3935

■ 55.3125, 64.6252,
51.1540

■ 14.6115, 7.0648,
42.1889

■ 62.1858, 75.3294,
52.8579

■ 13.4475, 6.0979,
42.0636

■ 69.6688, 87.0967,
54.7348

■ 13.1431, 5.8588,
42.0335

■ 72.5952, 89.5925,
55.0623

■ 74.9649, 90.8141,
55.1732

Harmonies

Analogous

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



26.1388, 25.9428, 51.6351



29.4964, 25.9428, 45.0478



31.6666, 25.9428, 34.4925

Triad

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



29.4964, 25.9428, 45.0478



26.7517, 25.9428, 13.5387



18.6377, 25.9428, 32.6140

Complementary

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



29.4964, 25.9428, 45.0478



32.2631, 39.5139, 26.6966

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.



18.7680, 25.9428, 22.8054



29.4964, 25.9428, 45.0478



23.2339, 25.9428, 13.2657

Square

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



29.4964, 25.9428, 45.0478



29.9815, 25.9428, 17.1121



20.3797, 25.9428, 16.2491



20.0049, 25.9428, 43.3946

Rectangle

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



29.4964, 25.9428, 45.0478



32.0328, 25.9428, 27.4363



20.3797, 25.9428, 16.2491



18.5118, 25.9428, 29.0741

Sweetspot

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



29.4972, 25.9439, 45.0484



67.5032, 67.7889, 84.0221



27.9924, 29.8472, 45.8811



14.3546, 14.2850, 18.1450



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.4972, 25.9439, 45.0484



48.5898, 40.5036, 79.7523



33.6811, 28.1281, 44.0063



8.4839, 8.4580, 10.6917



9.5932, 4.2813, 30.4577



0.3674, 0.1685, 0.9614

Inverse Universe

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



31.4876, 27.2507, 32.4556



52.9486, 43.3576, 52.5355



28.9002, 37.7616, 27.3819



8.6456, 8.5650, 9.6323



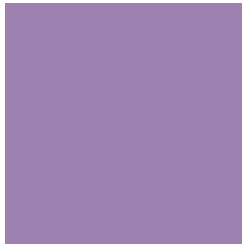
14.1481, 7.1768, 5.9401



0.4747, 0.2376, 0.3422

Previews

White Background



This preview shows how the XYZ color 29.4964, 25.9428, 45.0478 looks on a white background.

Color Contrast Check

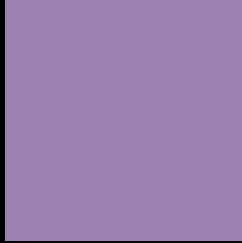
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4964, 25.9428, 45.0478 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 29.4964, 25.9428, 45.0478

Background



This preview shows how black text looks on a background with the XYZ color 29.4964, 25.9428, 45.0478.



This preview shows how white text looks on a background with the XYZ color 29.4964, 25.9428,

45.0478.

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

29.4964, 25.9428, 45.0478

Protanopia

26.3881, 26.1079, 48.4483

Deuteranopia

26.5150, 26.0548, 44.1890



Tritanopia

26.6148, 25.9826, 30.8065

Trichromacy



Original Color

29.4964, 25.9428, 45.0478

Protanomaly

27.4857, 26.0674, 47.2989

Deuteranomaly

27.5169, 25.9356, 44.6301

Tritanomaly

27.6102, 25.9817, 35.4580

Monochromacy



Original Color

29.4964, 25.9428, 45.0478

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.2176, 26.8394, 34.7563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4964, 25.9428, 45.0478 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(156, 129, 177)` looks like.

```
.text, #text, p{  
    color:rgb(156, 129, 177)  
}
```

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(156, 129, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 129, 177) }
```

Border

The CSS property to change the border of an element to XYZ 29.4964, 25.9428, 45.0478 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(156, 129, 177) }
```


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

```
.border{ border-color:rgb(156, 129, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 129, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 129, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 129, 177);  
box-shadow:4px 4px 4px 4px rgb(156, 129,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4964, 25.9428, 45.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 129, 177) }
```

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

```
.background{ background-color: rgb(156,  
129, 177) }
```

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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