

Converting Colors

XYZ(29.4466, 26.1752, 44.4504)

Have a look what the booklet for
XYZ(29.4466, 26.1752, 44.4504)
contains.

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Color

**XYZ(29.5294, 26.1678,
44.5688)**

Conversions

Conversions Part 1

Format	Color
Hex	9C82B0
RGB	156, 130, 176
RGB Percent	61%, 51%, 69%
CMY	0.3882, 0.4902, 0.3098
CMYK	0.11, 0.26, 0.00, 0.31
HSL	274°, 23%, 60%
HSV	274°, 26%, 69%
XYZ	29.5294, 26.1678, 44.5688
YIQ	143.0180, 0.7300, 19.8180

Conversions

Conversions Part 2

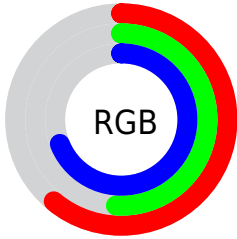
Format	Color
RYB	156, 130, 176
Decimal	10257072
CIELab	58.20, 18.83, -20.57
CIELCh	58, 27.892, 312.470
Yxy	26.1678, 0.2945, 0.2610
Android (android.graphics.Color)	4288447152 (0xFF9C82B0)
YUV	143.0180, 16.2601, 11.3852
Hunter-Lab	51.1545, 13.5205, -15.8488

Details

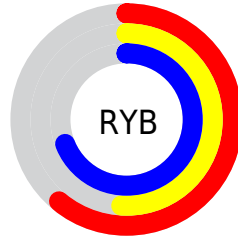
The XYZ color **29.5294, 26.1678, 44.5688** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.1332, 39.1471, 26.9829**, and the grayscale version is **26.0533, 27.4101, 29.8496**.

A 20% lighter version of the original color is **58.3629, 53.5421, 83.6025**, and **12.1527, 10.1104, 20.0499** is the 20% darker color. If you saturate the color by 10%, you get **25.9513, 21.1407, 43.7875**, and if you desaturate by 10%, it is **33.6029, 32.0460, 45.4891**.

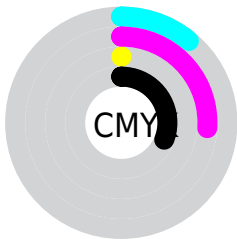
Distribution



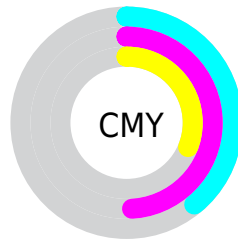
- Red (61%)
- Green (51%)
- Blue (69%)



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



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5294, 26.1678, 44.5688 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 29.5294, 26.1678, 44.5688 by changing the saturation by 10% instead.

■ 29.5294, 26.1678,
44.5688

■ 29.5294, 26.1678,
44.5688

291.6540,
283.6048, 381.1334

■ 19.6280, 16.9492,
30.7775

■ 58.3089, 53.5455,
83.3845

■ 12.2316, 10.1983,
20.1724

■ 77.9177, 72.4735,
109.2460

■ 6.9749, 5.5306,
12.3351

■ 101.4929, 95.4066,
139.9680

■ 3.4926, 2.5618,
6.8470

129.4000,
122.7294, 175.9689

■ 1.4193, 0.9075,
3.2896

162.0044,
154.8262, 217.6674

■ 0.2699, 0.0000,
1.2444

199.6712,

■ 0.0000, 0.0000,

192.0815, 265.4819

0.0155

242.7660,
234.8796, 319.8311

■ 0.0000, 0.0000,
0.0000

■ 29.5294, 26.1678,
44.5688

■ 29.5294, 26.1678,
44.5688

■ 25.9513, 21.1407,
43.7875

■ 33.6029, 32.0460,
45.4891

■ 22.8441, 16.9198,
43.1365

■ 38.1898, 38.8108,
46.5531

■ 20.1845, 13.4610,
42.6091

■ 43.3105, 46.4995,
47.7673

■ 17.9465, 10.7144,
42.1969

■ 48.9830, 55.1463,
49.1373

■ 16.1005, 8.6241,
41.8907

■ 55.2248, 64.7837,
50.6685

■ 14.6128, 7.1252,
41.6798

■ 62.0525, 75.4426,
52.3661

■ 13.4393, 6.1325,
41.5501

■ 69.4819, 87.1525,
54.2347

■ 13.0344, 5.8142,
41.5100

■ 72.2775, 89.4402,
54.5289

■ 74.6084, 90.6418,
54.6380

Harmonies

Analogous

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



26.3035, 26.1678, 50.8384



29.5294, 26.1678, 44.5688



31.6073, 26.1678, 34.4825

Triad

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



29.5294, 26.1678, 44.5688



26.8837, 26.1678, 14.1597



19.0435, 26.1678, 32.7090

Complementary

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



29.5294, 26.1678, 44.5688



32.1332, 39.1471, 26.9829

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.



19.1682, 26.1678, 23.2394



29.5294, 26.1678, 44.5688



23.4928, 26.1678, 13.8942

Square

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



29.5294, 26.1678, 44.5688



29.9872, 26.1678, 17.6702



20.7315, 26.1678, 16.8376



20.3738, 26.1678, 43.0195

Rectangle

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



29.5294, 26.1678, 44.5688



31.9560, 26.1678, 27.6966



20.7315, 26.1678, 16.8376



18.9203, 26.1678, 29.3031

Sweetspot

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



29.5302, 26.1689, 44.5694



67.5184, 67.7967, 84.0228



28.0618, 29.9182, 45.3705



14.3585, 14.2870, 18.1452



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.



29.5302, 26.1689, 44.5694



49.9386, 42.3430, 80.0363



33.4986, 28.2407, 43.5771



8.4862, 8.4591, 10.6918



9.6315, 4.3010, 30.4595



0.3685, 0.1691, 0.9614

Inverse Universe

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



31.3930, 27.3985, 32.4892



53.9770, 45.0021, 54.1498



28.9176, 37.4713, 27.6474



8.6447, 8.5646, 9.6273



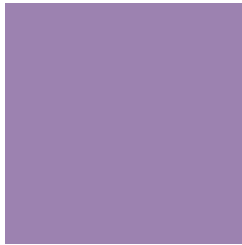
14.1357, 7.1719, 5.8748



0.4743, 0.2374, 0.3401

Previews

White Background



This preview shows how the XYZ color 29.5294, 26.1678, 44.5688 looks on a white background.

Color Contrast Check

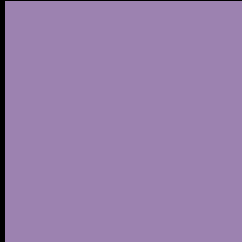
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5294, 26.1678, 44.5688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

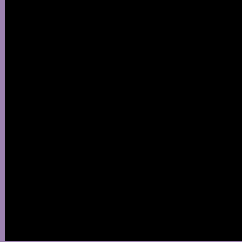
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5294, 26.1678, 44.5688

Background



This preview shows how black text looks on a background with the XYZ color 29.5294, 26.1678, 44.5688.



This preview shows how white text looks on a background with the XYZ color 29.5294, 26.1678,

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

29.5294, 26.1678, 44.5688

Protanopia

26.4341, 26.1436, 47.9090

Deuteranopia

26.8369, 26.2207, 44.2041



Tritanopia

26.7550, 26.2630, 30.8532

Trichromacy



Original Color

29.5294, 26.1678, 44.5688

Protanomaly

27.3834, 26.0265, 46.7604

Deuteranomaly

27.5907, 25.9850, 44.1189

Tritanomaly

27.7478, 26.2568, 35.5039

Monochromacy



Original Color

29.5294, 26.1678, 44.5688

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 29.5294, 26.1678, 44.5688 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, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 176)  
}
```

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, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 176) }
```

Border

The CSS property to change the border of an element to XYZ 29.5294, 26.1678, 44.5688 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, 130, 176) }
```


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

```
.border{ border-color:rgb(156, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5294, 26.1678, 44.5688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 176) }
```

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

```
.background{ background-color: rgb(156,  
130, 176) }
```

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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