

Converting Colors

XYZ(26.7257, 23.1207, 42.7948)

Have a look what the booklet for
XYZ(26.7257, 23.1207, 42.7948)
contains.

XYZ(26.5929, 22.9878, 42.5706)	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(26.5929, 22.9878,
42.5706)**

Conversions

Conversions Part 1

Format	Color
Hex	9479AD
RGB	148, 121, 173
RGB Percent	58%, 47%, 68%
CMY	0.4196, 0.5255, 0.3216
CMYK	0.14, 0.30, 0.00, 0.32
HSL	271°, 24%, 58%
HSV	271°, 30%, 68%
XYZ	26.5929, 22.9878, 42.5706
YIQ	135.0010, -0.6000, 21.8960

Conversions

Conversions Part 2

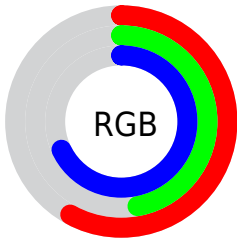
Format	Color
R _{YB}	148, 121, 173
Decimal	9730477
CIE _{Lab}	55.06, 20.73, -23.73
CIE _{LCh}	55, 31.509, 311.144
Y _{xy}	22.9878, 0.2886, 0.2495
Android (android.graphics.Color)	4287920557 (0xFF9479AD)
Y _{UV}	135.0010, 18.7335, 11.4001
Hunter-Lab	47.9456, 15.0998, -19.0813

Details

The XYZ color **26.5929, 22.9878, 42.5706** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.2496, 37.3792, 23.7108**, and the grayscale version is **22.9630, 24.1589, 26.3090**.

A 20% lighter version of the original color is **53.9075, 48.6258, 80.6732**, and **10.6373, 8.5322, 18.8555** is the 20% darker color. If you saturate the color by 10%, you get **23.2254, 18.4062, 41.8641**, and if you desaturate by 10%, it is **30.4471, 28.3811, 43.4088**.

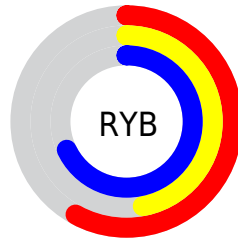
Distribution



Red (58%)

Green (47%)

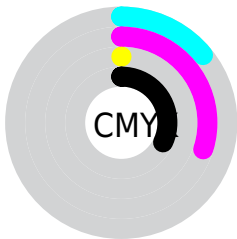
Blue (68%)



Red (58%)

Yellow (47%)

Blue (68%)

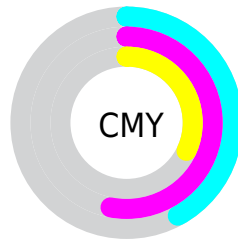


Cyan (14%)

Magenta (30%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5929, 22.9878, 42.5706 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 26.5929, 22.9878, 42.5706 by changing the saturation by 10% instead.

■ 26.5929, 22.9878,
42.5706

■ 26.5929, 22.9878,
42.5706

277.8842,
267.6623, 372.7121

■ 17.4027, 14.5845,
29.2194

■ 53.6544, 48.3733,
80.3419

■ 10.6191, 8.5283,
18.9999

■ 72.2565, 66.1243,
105.5991

■ 5.8767, 4.4348,
11.4934

■ 94.7265, 87.7599,
135.6620

■ 2.8102, 1.9196,
6.2814

121.4299,
113.6647, 170.9493

■ 1.0542, 0.5601,
2.9454

152.7320,
144.2229, 211.8794

■ 0.0000, 0.0000,
1.0668

188.9982,

■ 0.0000, 0.0000,

179.8190, 258.8708

0.0000

230.5938,
220.8373, 312.3422

■ 26.5929, 22.9878,
42.5706

■ 26.5929, 22.9878,
42.5706

■ 23.2254, 18.4062,
41.8641

■ 30.4471, 28.3811,
43.4088

■ 20.3199, 14.5919,
41.2810

■ 34.8065, 34.6216,
44.3836

■ 17.8527, 11.5007,
40.8144

■ 39.6914, 41.7463,
45.5014

■ 15.7970, 9.0822,
40.4559

■ 45.1203, 49.7890,
46.7676

■ 14.1225, 7.2798,
40.1963

■ 51.1107, 58.7816,
48.1876

■ 12.7939, 6.0264,
40.0244

■ 57.6792, 68.7546,
49.7664

■ 11.7423, 5.1821,
39.9168

■ 64.8418, 79.7372,
51.5088

■ 71.1928, 88.9149,
52.9455

■ 73.6910, 90.2028,
53.0624

Harmonies

Analogous

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



23.1786, 22.9878, 49.1602



26.5929, 22.9878, 42.5706



28.8717, 22.9878, 31.8040

Triad

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



26.5929, 22.9878, 42.5706



24.1017, 22.9878, 10.8416



15.8787, 22.9878, 28.9510

Complementary

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



26.5929, 22.9878, 42.5706



30.2496, 37.3792, 23.7108

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.



16.0691, 22.9878, 19.2930



26.5929, 22.9878, 42.5706



20.5716, 22.9878, 10.4614

Square

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



26.5929, 22.9878, 42.5706



27.3306, 22.9878, 14.3524



17.7061, 22.9878, 13.1219



17.1546, 22.9878, 40.0073

Rectangle

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



26.5929, 22.9878, 42.5706



29.3080, 22.9878, 24.6461



17.7061, 22.9878, 13.1219



15.7772, 22.9878, 25.4175

Sweetspot

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



26.5937, 22.9888, 42.5711



63.0837, 63.0865, 79.6578



25.7283, 27.6819, 43.5226



13.4549, 13.3419, 17.2538



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.5937, 22.9888, 42.5711



43.5672, 35.6181, 75.3845



31.5308, 25.5436, 42.3658



7.9607, 7.9540, 10.0684



8.6928, 3.8412, 29.3278



0.3046, 0.1392, 0.8188

Inverse Universe

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



29.2600, 24.6353, 30.4082



49.2705, 39.1379, 49.4607



26.3341, 35.3545, 23.8063



8.1596, 8.0771, 9.1513



13.8413, 6.9991, 6.8095



0.4128, 0.2058, 0.3356

Previews

White Background



This preview shows how the XYZ color 26.5929, 22.9878, 42.5706 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 26.5929, 22.9878, 42.5706 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 26.5929, 22.9878, 42.5706

Background



This preview shows how black text looks on a background with the XYZ color 26.5929, 22.9878, 42.5706.



This preview shows how white text looks on a background with the XYZ color 26.5929, 22.9878,

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

26.5929, 22.9878, 42.5706

Protanopia

23.5570, 23.0425, 46.3861

Deuteranopia

23.6455, 23.1906, 41.7581



Tritanopia

23.4619, 23.0241, 27.2523

Trichromacy



Original Color

26.5929, 22.9878, 42.5706

Protanomaly

24.4273, 22.9423, 44.7358

Deuteranomaly

24.7086, 23.1438, 42.1946

Tritanomaly

24.4211, 22.8309, 32.3978

Monochromacy



Original Color

26.5929, 22.9878, 42.5706

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.2227, 23.7106, 31.7337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5929, 22.9878, 42.5706 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(148, 121, 173)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 173)  
}
```

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(148, 121, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.5929, 22.9878, 42.5706 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(148, 121, 173) }
```


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

```
.border{ border-color:rgb(148, 121, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 121, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 173);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5929, 22.9878, 42.5706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 173) }
```

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

```
.background{ background-color: rgb(148,  
121, 173) }
```

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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