

Converting Colors

XYZ(29.6508, 26.4952, 51.5249)

Have a look what the booklet for
XYZ(29.6508, 26.4952, 51.5249)
contains.

XYZ(29.6493, 26.4726, 51.6911)	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(29.6493, 26.4726,
51.6911)**

Conversions

Conversions Part 1

Format	Color
Hex	9484BD
RGB	148, 132, 189
RGB Percent	58%, 52%, 74%
CMY	0.4196, 0.4823, 0.2588
CMYK	0.22, 0.30, 0.00, 0.26
HSL	257°, 30%, 63%
HSV	257°, 30%, 74%
XYZ	29.6493, 26.4726, 51.6911
YIQ	143.2820, -8.7610, 21.1190

Conversions

Conversions Part 2

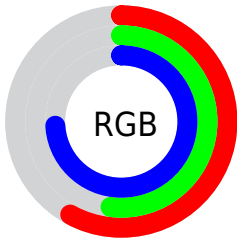
Format	Color
R_{YB}	148, 132, 189
Decimal	9733309
CIE _{Lab}	58.48, 18.05, -27.60
CIE _{LCh}	58, 32.982, 303.188
Yxy	26.4726, 0.2750, 0.2455
Android (android.graphics.Color)	4287923389 (0xFF9484BD)
YUV	143.2820, 22.5390, 4.1377
Hunter-Lab	51.4515, 12.8217, -23.5500

Details

The XYZ color **29.6493, 26.4726, 51.6911** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.5969, 46.9460, 28.8055**, and the grayscale version is **26.1371, 27.4982, 29.9456**.

A 20% lighter version of the original color is **58.4590, 53.9870, 93.7256**, and **12.2143, 10.2707, 24.2603** is the 20% darker color. If you saturate the color by 10%, you get **24.9985, 20.6093, 50.8049**, and if you desaturate by 10%, it is **35.0550, 33.4155, 52.7468**.

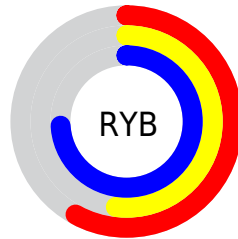
Distribution



Red (58%)

Green (52%)

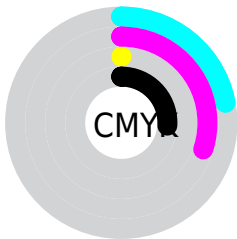
Blue (74%)



Red (58%)

Yellow (52%)

Blue (74%)

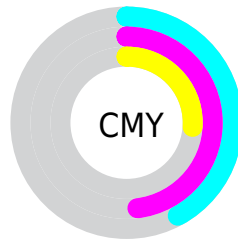


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6493, 26.4726, 51.6911 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 29.6493, 26.4726, 51.6911 by changing the saturation by 10% instead.

■ 29.6493, 26.4726,
51.6911

■ 29.6493, 26.4726,
51.6911

292.2056,
285.0944, 410.1659

■ 19.7193, 17.1775,
36.3784

■ 58.4976, 54.0364,
94.0975

■ 12.2982, 10.3611,
24.4346

■ 78.1465, 73.0739,
122.0282

■ 7.0208, 5.6391,
15.4411

■ 101.7659, 96.1277,
155.0019

■ 3.5215, 2.6269,
8.9795

129.7210,
123.5821, 193.4373

■ 1.4352, 0.9402,
4.6312

162.3771,
155.8216, 237.7529

■ 0.2811, 0.0000,
1.9776

200.0997,

■ 0.0000, 0.0000,

193.2306, 288.3671

0.5415

243.2541,
236.1934, 345.6986

■ 0.0000, 0.0000,
0.0000

■ 29.6493, 26.4726,
51.6911

■ 29.6493, 26.4726,
51.6911

■ 24.9985, 20.6093,
50.8049

■ 35.0550, 33.4155,
52.7468

■ 21.0650, 15.7671,
50.0776

■ 41.2456, 41.4862,
53.9783

■ 17.8116, 11.8868,
49.5001

■ 48.2527, 50.7335,
55.3939

■ 15.1966, 8.9015,
49.0617

■ 56.1054, 61.2028,
57.0008

■ 13.1732, 6.7354,
48.7503

■ 64.8310, 72.9366,
58.8057

■ 11.6876, 5.2999,
48.5515

■ 74.4560, 85.9758,
60.8152

■ 10.6562, 4.4324,
48.4384

■ 81.9652, 94.2786,
62.0221

■ 86.1854, 96.4542,
62.2196

Harmonies

Analogous

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



25.5951, 26.4726, 57.1705



29.6493, 26.4726, 51.6911



32.7362, 26.4726, 40.0471

Triad

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



29.6493, 26.4726, 51.6911



28.8239, 26.4726, 13.1994



18.1858, 26.4726, 30.0768

Complementary

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



29.6493, 26.4726, 51.6911



39.5969, 46.9460, 28.8055

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.



18.8557, 26.4726, 19.9222



29.6493, 26.4726, 51.6911



24.7327, 26.4726, 11.8501

Square

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



29.6493, 26.4726, 51.6911



32.2250, 26.4726, 18.2965



21.1509, 26.4726, 13.9468



19.2137, 26.4726, 42.7698

Rectangle

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



29.6493, 26.4726, 51.6911



33.6734, 26.4726, 31.5396



21.1509, 26.4726, 13.9468



18.2203, 26.4726, 26.2692

Sweetspot

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



29.6502, 26.4737, 51.6917



75.0745, 75.8820, 96.9160



33.7993, 38.7754, 53.8475



15.7730, 15.8306, 20.7668



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.6502, 26.4737, 51.6917



47.6045, 40.4567, 91.5261



35.2741, 29.3729, 51.9549



9.2612, 9.3515, 11.9891



7.2351, 3.0159, 32.5937



0.3496, 0.1523, 1.2798

Inverse Universe

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



36.7812, 30.3396, 43.4538



62.5147, 48.5503, 73.8304



34.0933, 44.1088, 28.5479



9.8126, 9.6494, 11.4023



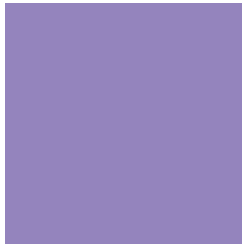
17.1417, 8.4879, 16.5719



0.6980, 0.3431, 0.7890

Previews

White Background



This preview shows how the XYZ color 29.6493, 26.4726, 51.6911 looks on a white background.

Color Contrast Check

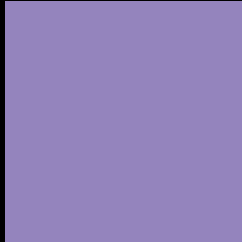
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6493, 26.4726, 51.6911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

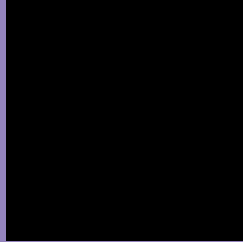
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6493, 26.4726, 51.6911

Background



This preview shows how black text looks on a background with the XYZ color 29.6493, 26.4726, 51.6911.



This preview shows how white text looks on a background with the XYZ color 29.6493, 26.4726,

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

29.6493, 26.4726, 51.6911

Protanopia

27.2824, 26.6454, 54.7441

Deuteranopia

27.2118, 26.6853, 51.2935



Tritanopia

25.7221, 26.3300, 32.5807

Trichromacy



Original Color

29.6493, 26.4726, 51.6911

Protanomaly

27.9915, 26.4006, 53.4897

Deuteranomaly

27.8729, 26.3901, 51.2017

Tritanomaly

27.0066, 26.2179, 38.7591

Monochromacy



Original Color

29.6493, 26.4726, 51.6911

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.2548, 27.0230, 37.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6493, 26.4726, 51.6911 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, 132, 189)` looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 189)  
}
```

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, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 189) }
```

Border

The CSS property to change the border of an element to XYZ 29.6493, 26.4726, 51.6911 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, 132, 189) }
```


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

```
.border{ border-color:rgb(148, 132, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 189);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6493, 26.4726, 51.6911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 189) }
```

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

```
.background{ background-color: rgb(148,  
132, 189) }
```

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