

Converting Colors

XYZ(26.4096, 21.9845, 30.2114)

Have a look what the booklet for
XYZ(26.4096, 21.9845, 30.2114)
contains.

XYZ(26.3099, 21.8965, 30.0339)	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(26.3099, 21.8965,
30.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	A37292
RGB	163, 114, 146
RGB Percent	64%, 45%, 57%
CMY	0.3608, 0.5529, 0.4274
CMYK	0.00, 0.30, 0.10, 0.36
HSL	321°, 21%, 54%
HSV	321°, 30%, 64%
XYZ	26.3099, 21.8965, 30.0339
YIQ	132.2990, 18.9320, 20.3400

Conversions

Conversions Part 2

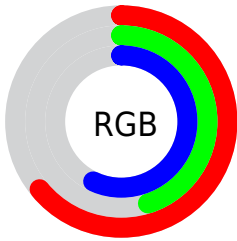
Format	Color
R_{YB}	163, 114, 146
Decimal	10711698
CIE _{Lab}	53.92, 24.49, -9.64
CIE _{LCh}	54, 26.323, 338.508
Yxy	21.8965, 0.3363, 0.2799
Android (android.graphics.Color)	4288901778 (0xFFA37292)
YUV	132.2990, 6.7546, 26.9248
Hunter-Lab	46.7937, 18.4732, -5.2989

Details

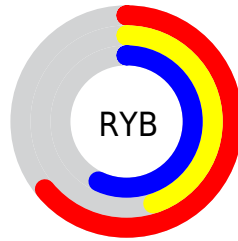
The XYZ color **26.3099, 21.8965, 30.0339** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.1343, 31.4112, 26.2651**, and the grayscale version is **22.0122, 23.1585, 25.2197**.

A 20% lighter version of the original color is **53.2750, 46.5026, 60.8116**, and **10.3863, 7.9218, 11.8081** is the 20% darker color. If you saturate the color by 10%, you get **24.2036, 18.3703, 27.2148**, and if you desaturate by 10%, it is **28.7669, 26.0886, 33.0778**.

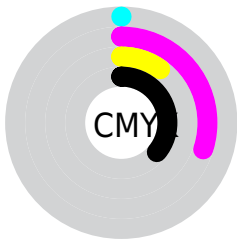
Distribution



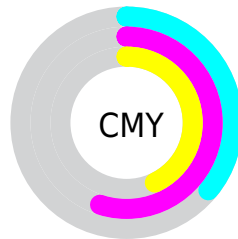
- Red (64%)
- Green (45%)
- Blue (57%)



- Red (64%)
- Yellow (45%)
- Blue (57%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (36%)





- Cyan (36%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3099, 21.8965, 30.0339 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 26.3099, 21.8965, 30.0339 by changing the saturation by 10% instead.


 26.3099, 21.8965,
30.0339


 26.3099, 21.8965,
30.0339


276.5289,
262.0053, 316.2747

 17.1895, 13.7809,
19.6120


 53.2022, 46.5749,
60.7774


 10.4658, 7.9684,
11.9321


 71.7049, 63.9064,
81.9362

 5.7735, 4.0747,
6.5755

 94.0656, 85.0787,
107.5110

 2.7472, 1.7155,
3.1237

 120.6499,
110.4761, 137.9204

 1.0215, 0.4336,
1.1581

151.8230,
140.4831, 173.5829

 0.0000, 0.0000,
0.0000

187.9503,

175.4840, 214.9171

229.3972,
215.8633, 262.3415

■ 26.3099, 21.8965,
30.0339

■ 26.3099, 21.8965,
30.0339

■ 24.2036, 18.3703,
27.2148

■ 28.7669, 26.0886,
33.0778

■ 22.4283, 15.4722,
24.6116

■ 31.5892, 30.9761,
36.3521

■ 20.9654, 13.1650,
22.2169

■ 34.7925, 36.5902,
39.8638

■ 19.7935, 11.4064,
20.0219

■ 38.3916, 42.9592,
43.6192

■ 18.8882, 10.1484,
18.0167

■ 42.3999, 50.1101,
47.6243

■ 18.2211, 9.3346,
16.1904

■ 46.8305, 58.0685,
51.8848

■ 17.7292, 8.8365,
14.5287

■ 51.6959, 66.8587,
56.4062

■ 57.0079, 76.5041,
61.1938

■ 60.9311, 83.3333,
65.6370

Harmonies

Analogous

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



24.3955, 21.8965, 38.2709



26.3099, 21.8965, 30.0339



26.6849, 21.8965, 21.6048

Triad

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



26.3099, 21.8965, 30.0339



20.0155, 21.8965, 11.4906



16.8295, 21.8965, 34.9480

Complementary

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



26.3099, 21.8965, 30.0339



24.1343, 31.4112, 26.2651

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.



15.8709, 21.8965, 26.2276



26.3099, 21.8965, 30.0339



17.5978, 21.8965, 13.5891

Square

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



26.3099, 21.8965, 30.0339



22.8747, 21.8965, 12.0618



16.1388, 21.8965, 18.5649



18.8772, 21.8965, 41.5269

Rectangle

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



26.3099, 21.8965, 30.0339



25.9816, 21.8965, 17.1371



16.1388, 21.8965, 18.5649



16.3781, 21.8965, 32.0998

Sweetspot

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



26.3106, 21.8975, 30.0344



57.0569, 56.3188, 65.6469



21.8863, 19.4524, 37.2519



12.6452, 12.3535, 14.5532



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.3106, 21.8975, 30.0344



44.5578, 34.9124, 50.4075



24.6456, 21.2315, 21.2668



7.2594, 7.1602, 8.3525



13.8007, 6.8763, 11.4071



0.3109, 0.1529, 0.3500

Inverse Universe

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



26.3106, 21.8975, 30.0344



44.5578, 34.9124, 50.4075



25.9398, 32.1334, 35.7728



7.2594, 7.1602, 8.3525



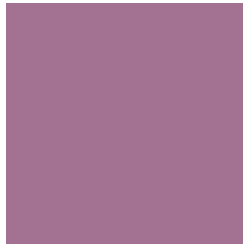
13.8007, 6.8763, 11.4071



0.3109, 0.1529, 0.3500

Previews

White Background



This preview shows how the XYZ color 26.3099, 21.8965, 30.0339 looks on a white background.

Color Contrast Check

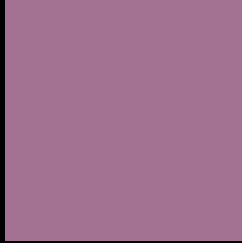
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3099, 21.8965, 30.0339 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 26.3099, 21.8965, 30.0339

Background



This preview shows how black text looks on a background with the XYZ color 26.3099, 21.8965, 30.0339.



This preview shows how white text looks on a background with the XYZ color 26.3099, 21.8965,

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

26.3099, 21.8965, 30.0339

Protanopia

21.8039, 22.0159, 34.1106

Deuteranopia

22.4866, 22.0862, 29.4635



Tritanopia

25.0071, 22.0662, 23.0199

Trichromacy



Original Color

26.3099, 21.8965, 30.0339

Protanomaly

23.2317, 21.8362, 32.6961

Deuteranomaly

23.7474, 21.9831, 29.7796

Tritanomaly

25.5647, 22.1252, 25.4774

Monochromacy



Original Color

26.3099, 21.8965, 30.0339

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1767, 22.3130, 26.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3099, 21.8965, 30.0339 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(163, 114, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 114, 146)  
}
```

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(163, 114, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 114, 146) }
```

Border

The CSS property to change the border of an element to XYZ 26.3099, 21.8965, 30.0339 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(163, 114, 146) }
```


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

```
.border{ border-color:rgb(163, 114, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 114, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 114, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 114, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 114,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3099, 21.8965, 30.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 114, 146) }
```

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

```
.background{ background-color: rgb(163,  
114, 146) }
```

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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