

Converting Colors

XYZ(26.1105, 18.2709, 35.8687)

Have a look what the booklet for
XYZ(26.1105, 18.2709, 35.8687)
contains.

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Color

**XYZ(26.1105, 18.2709,
35.8687)**

Conversions

Conversions Part 1

Format	Color
Hex	A75BA1
RGB	167, 91, 161
RGB Percent	65%, 36%, 63%
CMY	0.3451, 0.6431, 0.3686
CMYK	0.00, 0.46, 0.04, 0.35
HSL	305°, 30%, 51%
HSV	305°, 46%, 65%
XYZ	26.1105, 18.2709, 35.8687
YIQ	121.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

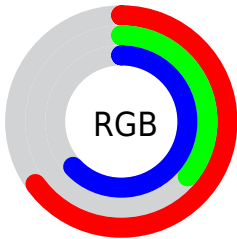
Format	Color
R_{YB}	167, 91, 161
Decimal	10967969
CIE _{Lab}	49.82, 41.31, -24.64
CIE _{LCh}	50, 48.104, 329.188
Yxy	18.2709, 0.3254, 0.2277
Android (android.graphics.Color)	4289158049 (0xFFA75BA1)
YUV	121.7040, 19.3729, 39.7246
Hunter-Lab	42.7445, 34.2341, -19.8316

Details

The XYZ color **26.1105, 18.2709, 35.8687** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.2916, 30.7254, 16.1715**, and the grayscale version is **18.3366, 19.2915, 21.0085**.

A 20% lighter version of the original color is **52.9576, 40.4501, 69.9822**, and **10.3292, 6.1324, 15.1073** is the 20% darker color. If you saturate the color by 10%, you get **24.7231, 15.6808, 34.8357**, and if you desaturate by 10%, it is **27.8180, 21.4985, 37.0148**.

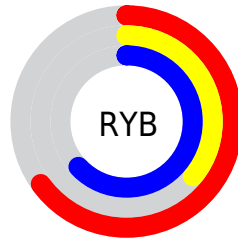
Distribution



Red (65%)

Green (36%)

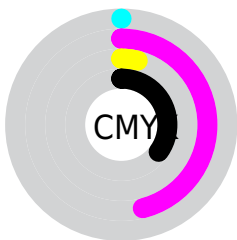
Blue (63%)



Red (65%)

Yellow (36%)

Blue (63%)

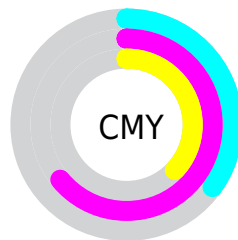


Cyan (0%)

Magenta (46%)

Yellow (4%)

Black (35%)



Cyan (35%)


Magenta (64%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1105, 18.2709, 35.8687 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 26.1105, 18.2709, 35.8687 by changing the saturation by 10% instead.

 26.1105, 18.2709,
35.8687


 26.1105, 18.2709,
35.8687


275.5709,
242.3936, 343.4063


 17.0394, 11.1447,
24.0439


 52.8832, 40.4984,
69.9961


 10.3581, 6.1642,
15.1537


 71.3155, 56.3684,
93.1358

 5.7011, 2.9452,
8.7795


 93.5990, 75.9219,
120.8843

 2.7031, 1.1032,
4.5028

 120.0990, 99.5431,
153.6600

 0.9988, 0.0000,
1.9050

151.1808,
127.6164, 191.8815

 0.0000, 0.0000,
0.4959

187.2098,

 0.0000, 0.0000,

160.5264, 235.9674

0.0000

228.5514,
198.6573, 286.3361

■ 26.1105, 18.2709,
35.8687

■ 26.1105, 18.2709,
35.8687

■ 24.7231, 15.6808,
34.8357

■ 27.8180, 21.4985,
37.0148

■ 23.6326, 13.6831,
33.9075

■ 29.8632, 25.3998,
38.2794

■ 22.8158, 12.2307,
33.0766

■ 32.2644, 30.0112,
39.6687

■ 22.2450, 11.2683,
32.3336

■ 35.0383, 35.3660,
41.1884

■ 21.8848, 10.7252,
31.6669

■ 38.2004, 41.4951,
42.8436

■ 21.7539, 10.5426,
31.3795

■ 41.7653, 48.4279,
44.6392

■ 45.7469, 56.1921,
46.5798

■ 50.1583, 64.8140,
48.6699

■ 55.0124, 74.3191,
50.9138

Harmonies

Analogous

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



22.0396, 18.2709, 51.1596



26.1105, 18.2709, 35.8687



27.7800, 18.2709, 20.2546

Triad

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



26.1105, 18.2709, 35.8687



17.4914, 18.2709, 3.8052



10.7396, 18.2709, 34.9565

Complementary

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



26.1105, 18.2709, 35.8687



20.2916, 30.7254, 16.1715

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.



9.9465, 18.2709, 19.5375



26.1105, 18.2709, 35.8687



13.4047, 18.2709, 4.9733

Square

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



26.1105, 18.2709, 35.8687



22.2948, 18.2709, 5.1169



10.8307, 18.2709, 9.5458



13.2230, 18.2709, 50.4894

Rectangle

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



26.1105, 18.2709, 35.8687



27.1154, 18.2709, 12.6841



10.8307, 18.2709, 9.5458



10.2882, 18.2709, 29.4203

Sweetspot

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



26.1111, 18.2717, 35.8691



58.3682, 54.8753, 71.3713



15.5479, 12.7636, 38.2039



12.8451, 11.8629, 15.8499



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.1111, 18.2717, 35.8691



44.1693, 27.8840, 62.3021



23.3121, 17.1521, 21.1296



7.8160, 7.6562, 9.3481



16.6544, 8.0705, 24.0554



0.4124, 0.1993, 0.6234

Inverse Universe

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



26.1111, 18.2717, 35.8691



44.1693, 27.8840, 62.3021



22.4416, 31.5854, 27.4933



7.8160, 7.6562, 9.3481



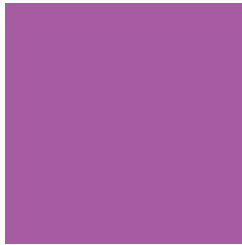
16.6544, 8.0705, 24.0554



0.4124, 0.1993, 0.6234

Previews

White Background



This preview shows how the XYZ color 26.1105, 18.2709, 35.8687 looks on a white background.

Color Contrast Check

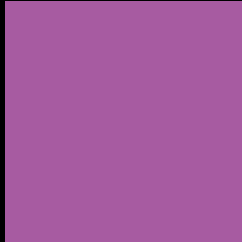
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.1105, 18.2709, 35.8687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

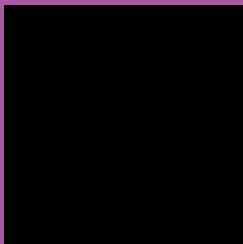
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1105, 18.2709, 35.8687

Background



This preview shows how black text looks on a background with the XYZ color 26.1105, 18.2709, 35.8687.



This preview shows how white text looks on a background with the XYZ color 26.1105, 18.2709,

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

26.1105, 18.2709, 35.8687

Protanopia

19.6287, 18.5868, 46.8090

Deuteranopia

18.7924, 18.4379, 34.0209



Tritanopia

22.2638, 18.2056, 17.0925

Trichromacy



Original Color

26.1105, 18.2709, 35.8687

Protanomaly

21.0286, 17.9187, 42.3947

Deuteranomaly

20.8942, 18.0190, 34.7245

Tritanomaly

23.4344, 18.1069, 23.0287

Monochromacy



Original Color

26.1105, 18.2709, 35.8687

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.6096, 18.5497, 25.7868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1105, 18.2709, 35.8687 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(167, 91, 161)` looks like.

```
.text, #text, p{  
    color:rgb(167, 91, 161)  
}
```

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(167, 91, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 91, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.1105, 18.2709, 35.8687 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(167, 91, 161) }
```


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

```
.border{ border-color:rgb(167, 91, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 91, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 91, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 91, 161);  
box-shadow:4px 4px 4px 4px rgb(167, 91,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1105, 18.2709, 35.8687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 91, 161) }
```

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

```
.background{ background-color: rgb(167, 91,  
161) }
```

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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