

Converting Colors

XYZ(26.1641, 19.0506, 37.8488)

Have a look what the booklet for
XYZ(26.1641, 19.0506, 37.8488)
contains.

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Color

**XYZ(26.1705, 19.0525,
37.8955)**

Conversions

Conversions Part 1

Format	Color
Hex	A361A5
RGB	163, 97, 165
RGB Percent	64%, 38%, 65%
CMY	0.3608, 0.6196, 0.3529
CMYK	0.01, 0.41, 0.00, 0.35
HSL	298°, 27%, 51%
HSV	298°, 41%, 65%
XYZ	26.1705, 19.0525, 37.8955
YIQ	124.4860, 17.5080, 35.1400

Conversions

Conversions Part 2

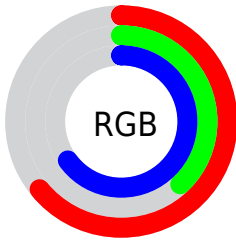
Format	Color
R_{YB}	163, 97, 165
Decimal	10707365
CIE _{Lab}	50.75, 37.57, -25.60
CIE _{LCh}	51, 45.465, 325.734
Yxy	19.0525, 0.3149, 0.2292
Android (android.graphics.Color)	4288897445 (0xFFA361A5)
YUV	124.4860, 19.9734, 33.7768
Hunter-Lab	43.6492, 30.6362, -20.9202

Details

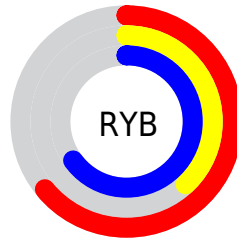
The XYZ color **26.1705, 19.0525, 37.8955** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.7590, 30.4264, 16.0889**, and the grayscale version is **19.2522, 20.2548, 22.0575**.

A 20% lighter version of the original color is **52.8791, 41.7223, 72.9763**, and **10.4276, 6.5403, 16.3356** is the 20% darker color. If you saturate the color by 10%, you get **24.7026, 16.2635, 37.4348**, and if you desaturate by 10%, it is **27.9571, 22.4776, 38.4627**.

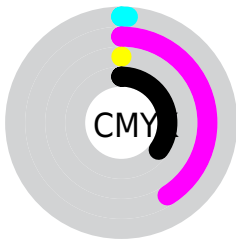
Distribution



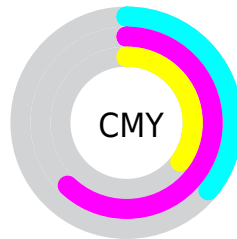
- Red (64%)
- Green (38%)
- Blue (65%)



- Red (64%)
- Yellow (38%)
- Blue (65%)



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)





- Cyan (36%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1705, 19.0525, 37.8955 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 26.1705, 19.0525, 37.8955 by changing the saturation by 10% instead.

 26.1705, 19.0525,
37.8955


 26.1705, 19.0525,
37.8955


275.8594,
246.7384, 352.4562


 17.0846, 11.7082,
25.6004


 52.9792, 41.8228,
73.1496


 10.3905, 6.5453,
16.3019


 71.4327, 58.0176,
96.9456

 5.7229, 3.1794,
9.5813


 93.7395, 77.9314,
125.4124

 2.7164, 1.2261,
5.0203

 120.2649,
101.9485, 158.9685

 1.0056, 0.0829,
2.2002

151.3742,
130.4534, 198.0323

 0.0000, 0.0000,
0.6745

187.4328,

 0.0000, 0.0000,

163.8304, 243.0226

0.0000

228.8061,
202.4639, 294.3577

■ 26.1705, 19.0525,
37.8955

■ 26.1705, 19.0525,
37.8955

■ 24.7026, 16.2635,
37.4348

■ 27.9571, 22.4776,
38.4627

■ 23.5318, 14.0684,
37.0728

■ 30.0787, 26.5724,
39.1413

■ 22.6365, 12.4240,
36.8026

■ 32.5526, 31.3712,
39.9372

■ 21.9918, 11.2802,
36.6158

■ 35.3944, 36.9055,
40.8556

■ 21.5680, 10.5775,
36.5025

■ 38.6189, 43.2044,
41.9015

■ 21.3186, 10.2056,
36.4439

■ 42.2399, 50.2957,
43.0794

■ 46.2706, 58.2060,
44.3938

■ 50.7235, 66.9602,
45.8488

■ 55.6108, 76.5825,
47.4485

Harmonies

Analogous

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



22.0979, 19.0525, 51.7098



26.1705, 19.0525, 37.8955



28.0899, 19.0525, 22.6282

Triad

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



26.1705, 19.0525, 37.8955



18.7550, 19.0525, 4.6175



11.4240, 19.0525, 33.3559

Complementary

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



26.1705, 19.0525, 37.8955



20.7590, 30.4264, 16.0889

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.



10.8260, 19.0525, 18.9692



26.1705, 19.0525, 37.8955



14.6313, 19.0525, 5.5439

Square

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



26.1705, 19.0525, 37.8955



23.3853, 19.0525, 6.3379



11.9003, 19.0525, 9.7527



13.6925, 19.0525, 48.4197

Rectangle

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



26.1705, 19.0525, 37.8955



27.6926, 19.0525, 14.7666



11.9003, 19.0525, 9.7527



11.0388, 19.0525, 28.1517

Sweetspot

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



26.1711, 19.0533, 37.8959



57.8221, 55.2567, 71.3704



16.2092, 14.2332, 37.4906



12.5179, 11.8410, 15.5633



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.



26.1711, 19.0533, 37.8959



44.5543, 29.7200, 67.1406



24.0444, 18.2503, 24.5431



7.3436, 7.1915, 8.9041



16.1354, 7.7246, 27.5703



0.3450, 0.1654, 0.5796

Inverse Universe

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



22.0445, 17.4503, 14.0115



36.2274, 26.4924, 18.6293



22.3303, 31.0300, 25.4893



7.0818, 7.0892, 7.4173



11.7622, 6.0610, 0.6727



0.2495, 0.1283, 0.0267

Previews

White Background



This preview shows how the XYZ color 26.1705, 19.0525, 37.8955 looks on a white background.

Color Contrast Check

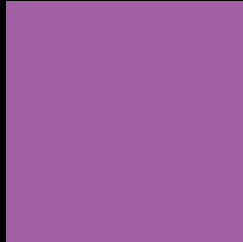
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1705, 19.0525, 37.8955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

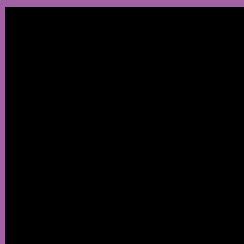
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1705, 19.0525, 37.8955

Background



This preview shows how black text looks on a background with the XYZ color 26.1705, 19.0525, 37.8955.



This preview shows how white text looks on a background with the XYZ color 26.1705, 19.0525,

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

26.1705, 19.0525, 37.8955

Protanopia

20.2897, 19.2652, 47.4489

Deuteranopia

19.5854, 19.1464, 36.3816



Tritanopia

22.4196, 19.1542, 19.0385

Trichromacy



Original Color

26.1705, 19.0525, 37.8955

Protanomaly

21.5470, 18.6410, 43.5367

Deuteranomaly

21.4119, 18.7233, 36.6679

Tritanomaly

23.5515, 18.9928, 24.9789

Monochromacy



Original Color

26.1705, 19.0525, 37.8955

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.1587, 19.3020, 27.0366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1705, 19.0525, 37.8955 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, 97, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 97, 165)  
}
```

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, 97, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 97, 165) }
```

Border

The CSS property to change the border of an element to XYZ 26.1705, 19.0525, 37.8955 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, 97, 165) }
```


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

```
.border{ border-color:rgb(163, 97, 165) }
```

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

Here you see how a box with a 4 pixel rgb(163, 97, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 97, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 97, 165);  
box-shadow:4px 4px 4px 4px rgb(163, 97,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1705, 19.0525, 37.8955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 97, 165) }
```

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

```
.background{ background-color: rgb(163, 97,  
165) }
```

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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