

Converting Colors

XYZ(27.7118, 19.4370, 25.9959)

Have a look what the booklet for
XYZ(27.7118, 19.4370, 25.9959)
contains.

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Color

**XYZ(27.6339, 19.4055,
25.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	B65C89
RGB	182, 92, 137
RGB Percent	71%, 36%, 54%
CMY	0.2863, 0.6392, 0.4627
CMYK	0.00, 0.49, 0.25, 0.29
HSL	330°, 38%, 54%
HSV	330°, 49%, 71%
XYZ	27.6339, 19.4055, 25.9561
YIQ	124.0400, 39.1950, 33.0750

Conversions

Conversions Part 2

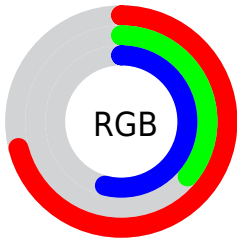
Format	Color
RYB	182, 92, 137
Decimal	11951241
CIELab	51.16, 41.76, -8.22
CIElCh	51, 42.562, 348.865
Yxy	19.4055, 0.3786, 0.2658
Android (android.graphics.Color)	4290141321 (0xFFB65C89)
YUV	124.0400, 6.3893, 50.8309
Hunter-Lab	44.0517, 34.8838, -4.0986

Details

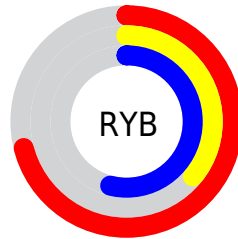
The XYZ color **27.6339, 19.4055, 25.9561** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.6578, 37.5379, 29.5619**, and the grayscale version is **19.1423, 20.1392, 21.9316**.

A 20% lighter version of the original color is **55.3548, 42.4938, 53.9998**, and **11.2656, 6.7860, 9.7329** is the 20% darker color. If you saturate the color by 10%, you get **25.6170, 16.3726, 22.1977**, and if you desaturate by 10%, it is **30.0857, 23.2198, 30.1315**.

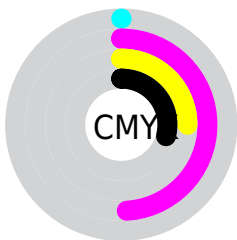
Distribution



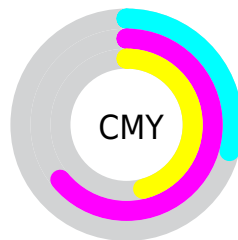
- Red (71%)
- Green (36%)
- Blue (54%)



- Red (71%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (49%)
- Yellow (25%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6339, 19.4055, 25.9561 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 27.6339, 19.4055, 25.9561 by changing the saturation by 10% instead.

 27.6339, 19.4055,
25.9561


 27.6339, 19.4055,
25.9561


282.8253,
248.6783, 296.1651


 18.1889, 11.9636,
16.5653


 55.3122, 42.4182,
54.1873


 11.1862, 6.7189,
9.7664


 74.2761, 58.7578,
73.8649

 6.2604, 3.2869,
5.1408


 97.1438, 78.8321,
97.8084

 3.0462, 1.2833,
2.2699

 124.2806,
103.0256, 126.4365

 1.1783, 0.1282,
0.7143

156.0517,
131.7225, 160.1677

 0.0891, 0.0000,
0.0000

192.8227,

 0.0000, 0.0000,

165.3074, 199.4205

0.0000

234.9587,
204.1645, 244.6135

■ 27.6339, 19.4055,
25.9561

■ 27.6339, 19.4055,
25.9561

■ 25.6170, 16.3726,
22.1977

■ 30.0857, 23.2198,
30.1315

■ 24.0043, 14.0624,
18.8389

■ 32.9969, 27.8627,
34.7381

■ 22.7638, 12.4129,
15.8623


■ 36.3920, 33.3812,
39.7902


■ 21.8572, 11.3496,
13.2478


■ 40.2933, 39.8179,
45.3015


■ 21.2123, 10.7309,
10.9639


■ 44.7216, 47.2125,
51.2847

 21.1796, 10.7004,
10.8457

 49.6965, 55.6024,
57.7520

 55.2366, 65.0230,
64.7151

 61.3597, 75.5080,
72.1854

 67.8251, 86.5746,
80.0877

Harmonies

Analogous

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



25.2755, 19.4055, 40.4621



27.6339, 19.4055, 25.9561



27.2639, 19.4055, 14.4554

Triad

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



27.6339, 19.4055, 25.9561



15.9368, 19.4055, 5.8608



13.5933, 19.4055, 43.9847

Complementary

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



27.6339, 19.4055, 25.9561



25.6578, 37.5379, 29.5619

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.



11.7671, 19.4055, 29.5940



27.6339, 19.4055, 25.9561



12.9703, 19.4055, 9.2092

Square

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



27.6339, 19.4055, 25.9561



20.0606, 19.4055, 5.5218



11.5580, 19.4055, 16.9414



16.9173, 19.4055, 53.2273

Rectangle

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



27.6339, 19.4055, 25.9561



25.5320, 19.4055, 9.6218



11.5580, 19.4055, 16.9414



12.8072, 19.4055, 39.3813

Sweetspot

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



27.6345, 19.4064, 25.9565



68.8307, 65.2070, 76.2271



22.5881, 16.3512, 46.2217



14.8823, 13.8751, 16.3796



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.6345, 19.4064, 25.9565



46.2637, 29.4196, 39.8904



25.0511, 18.3731, 12.3524



9.1868, 9.0851, 10.3312



14.9903, 7.5699, 7.8359



0.5597, 0.2794, 0.4408

Inverse Universe

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



27.6345, 19.4064, 25.9565



46.2637, 29.4196, 39.8904



29.5857, 39.1090, 50.2456



9.1868, 9.0851, 10.3312



14.9903, 7.5699, 7.8359



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 27.6339, 19.4055, 25.9561 looks on a white background.

Color Contrast Check

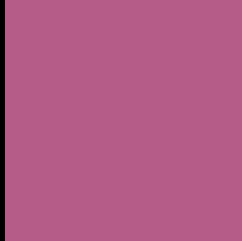
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6339, 19.4055, 25.9561 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 27.6339, 19.4055, 25.9561

Background



This preview shows how black text looks on a background with the XYZ color 27.6339, 19.4055, 25.9561.



This preview shows how white text looks on a background with the XYZ color 27.6339, 19.4055,

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

27.6339, 19.4055, 25.9561

Protanopia

19.6482, 19.5858, 34.1973

Deuteranopia

20.0364, 19.6329, 24.9238



Tritanopia

25.5079, 19.3390, 15.7530

Trichromacy



Original Color

27.6339, 19.4055, 25.9561

Protanomaly

21.4820, 18.7251, 30.9158

Deuteranomaly

22.1661, 19.0481, 25.0626

Tritanomaly

26.2161, 19.3534, 19.1835

Monochromacy



Original Color

27.6339, 19.4055, 25.9561

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.4337, 19.1931, 23.3438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6339, 19.4055, 25.9561 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(182, 92, 137)` looks like.

```
.text, #text, p{  
    color:rgb(182, 92, 137)  
}
```

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(182, 92, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 92, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.6339, 19.4055, 25.9561 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(182, 92, 137) }
```


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

```
.border{ border-color:rgb(182, 92, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 92, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 92, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 92, 137);  
box-shadow:4px 4px 4px 4px rgb(182, 92,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6339, 19.4055, 25.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 92, 137) }
```

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

```
.background{ background-color: rgb(182, 92,  
137) }
```

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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