

Converting Colors

XYZ(27.4130, 19.2720, 29.6620)

Have a look what the booklet for
XYZ(27.4130, 19.2720, 29.6620)
contains.

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Color

**XYZ(27.3756, 19.1946,
29.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	B25C92
RGB	178, 92, 146
RGB Percent	70%, 36%, 57%
CMY	0.3020, 0.6392, 0.4274
CMYK	0.00, 0.48, 0.18, 0.30
HSL	322°, 36%, 53%
HSV	322°, 48%, 70%
XYZ	27.3756, 19.1946, 29.4562
YIQ	123.8700, 33.9220, 35.0260

Conversions

Conversions Part 2

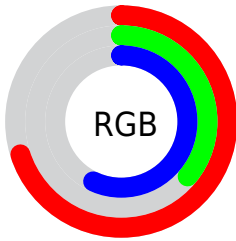
Format	Color
R_{YB}	178, 92, 146
Decimal	11689106
CIE _{Lab}	50.91, 41.78, -13.98
CIE _{LCh}	51, 44.056, 341.497
Yxy	19.1946, 0.3601, 0.2525
Android (android.graphics.Color)	4289879186 (0xFFB25C92)
YUV	123.8700, 10.9101, 47.4720
Hunter-Lab	43.8116, 34.8649, -9.1947

Details

The XYZ color **27.3756, 19.1946, 29.4562** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.9731, 35.5720, 24.6730**, and the grayscale version is **19.0724, 20.0657, 21.8515**.

A 20% lighter version of the original color is **54.8117, 42.0831, 59.8775**, and **11.0269, 6.6231, 11.5237** is the 20% darker color. If you saturate the color by 10%, you get **25.5105, 16.2651, 26.3657**, and if you desaturate by 10%, it is **29.6339, 22.8624, 32.8255**.

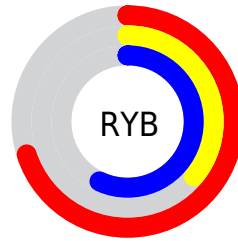
Distribution



Red (70%)

Green (36%)

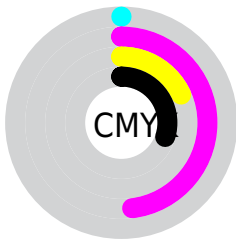
Blue (57%)



Red (70%)

Yellow (36%)

Blue (57%)

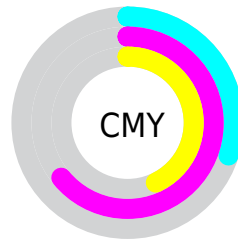


Cyan (0%)

Magenta (48%)

Yellow (18%)

Black (30%)



Cyan (30%)


Magenta (64%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3756, 19.1946, 29.4562 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 27.3756, 19.1946, 29.4562 by changing the saturation by 10% instead.

 27.3756, 19.1946,
29.4562


 27.3756, 19.1946,
29.4562


281.6056,
247.5210, 313.4894


 17.9936, 11.8110,
19.1777


 54.9016, 42.0627,
59.8519


 11.0450, 6.6151,
11.6206


 73.7764, 58.3159,
80.8062

 6.1646, 3.2226,
6.3665


 96.5460, 78.2945,
106.1561

 2.9871, 1.2490,
2.9968

 123.5759,
102.3827, 136.3202

 1.1469, 0.1012,
1.0930

155.2315,
130.9651, 171.7171

 0.0638, 0.0000,
0.0000

191.8781,

 0.0000, 0.0000,

164.4260, 212.7652

0.0000

233.8810,
203.1499, 259.8831

■ 27.3756, 19.1946,
29.4562

■ 27.3756, 19.1946,
29.4562

■ 25.5105, 16.2651,
26.3657

■ 29.6339, 22.8624,
32.8255

■ 24.0108, 14.0194,
23.5416

■ 32.3076, 27.3123,
36.4828

■ 22.8471, 12.4000,
20.9718

■ 35.4188, 32.5883,
40.4380

■ 21.9851, 11.3383,
18.6423

■ 38.9880, 38.7299,
44.7002

■ 21.3669, 10.7199,
16.5311

■ 43.0339, 45.7744,
49.2780

■ 21.2718, 10.6297,
16.1911

■ 47.5745, 53.7565,
54.1795

■ 52.6265, 62.7095,
59.4125

■ 58.2062, 72.6648,
64.9844

■ 64.3289, 83.6524,
70.9025

Harmonies

Analogous

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



24.3626, 19.1946, 44.4507



27.3756, 19.1946, 29.4562



27.7237, 19.1946, 16.4817

Triad

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



27.3756, 19.1946, 29.4562



16.6279, 19.1946, 5.1219



12.6713, 19.1946, 41.1157

Complementary

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



27.3756, 19.1946, 29.4562



23.9731, 35.5720, 24.6730

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.



11.2166, 19.1946, 26.0440



27.3756, 19.1946, 29.4562



13.2464, 19.1946, 7.6068

Square

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



27.3756, 19.1946, 29.4562



21.0278, 19.1946, 5.4243



11.4089, 19.1946, 14.1848



15.7173, 19.1946, 52.8191

Rectangle

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



27.3756, 19.1946, 29.4562



26.3410, 19.1946, 10.7205



11.4089, 19.1946, 14.1848



12.0036, 19.1946, 36.0699

Sweetspot

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



27.3762, 19.1955, 29.4566



66.7613, 63.4358, 76.4088



20.1089, 15.1201, 43.9785



14.4924, 13.5418, 16.5675



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.3762, 19.1955, 29.4566



46.0525, 29.1751, 47.4426



24.6597, 18.1089, 15.1519



8.7132, 8.5920, 9.9883



15.2513, 7.6181, 11.7491



0.5070, 0.2505, 0.5123

Inverse Universe

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



27.3762, 19.1955, 29.4566



46.0525, 29.1751, 47.4426



27.2668, 36.8895, 42.0173



8.7132, 8.5920, 9.9883



15.2513, 7.6181, 11.7491



0.5070, 0.2505, 0.5123

Previews

White Background



This preview shows how the XYZ color 27.3756, 19.1946, 29.4562 looks on a white background.

Color Contrast Check

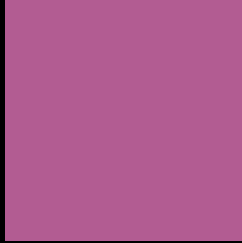
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3756, 19.1946, 29.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

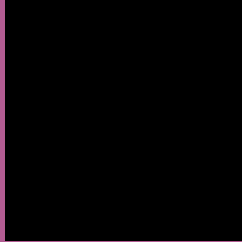
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3756, 19.1946, 29.4562

Background



This preview shows how black text looks on a background with the XYZ color 27.3756, 19.1946, 29.4562.



This preview shows how white text looks on a background with the XYZ color 27.3756, 19.1946,

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

27.3756, 19.1946, 29.4562

Protanopia

19.7837, 19.3743, 38.7733

Deuteranopia

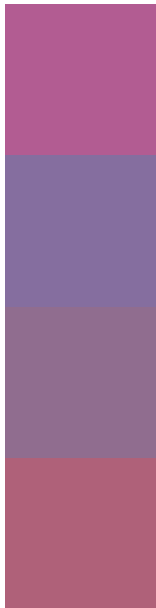
19.7167, 19.4018, 27.9050



Tritanopia

24.6666, 19.1746, 16.3109

Trichromacy



Original Color

27.3756, 19.1946, 29.4562

Protanomaly

21.5068, 18.6416, 35.2655

Deuteranomaly

21.9282, 18.8497, 28.4692

Tritanomaly

25.4051, 19.0438, 20.4260

Monochromacy



Original Color

27.3756, 19.1946, 29.4562

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.4606, 19.1836, 24.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3756, 19.1946, 29.4562 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(178, 92, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 92, 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(178, 92, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 92, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.3756, 19.1946, 29.4562 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(178, 92, 146) }
```


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

```
.border{ border-color:rgb(178, 92, 146) }
```

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

Here you see how a box with a 4 pixel rgb(178, 92, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 92, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 92, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 92,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3756, 19.1946, 29.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 92, 146) }
```

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

```
.background{ background-color: rgb(178, 92,  
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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