

Converting Colors

XYZ(25.5876, 16.9194, 25.9619)

Have a look what the booklet for
XYZ(25.5876, 16.9194, 25.9619)
contains.

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Color

**XYZ(25.5876, 16.9194,
25.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	B1508A
RGB	177, 80, 138
RGB Percent	69%, 31%, 54%
CMY	0.3059, 0.6863, 0.4588
CMYK	0.00, 0.55, 0.22, 0.31
HSL	324°, 38%, 50%
HSV	324°, 55%, 69%
XYZ	25.5876, 16.9194, 25.9619
YIQ	115.6150, 39.1940, 38.6020

Conversions

Conversions Part 2

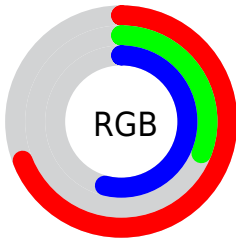
Format	Color
R_{YB}	177, 80, 138
Decimal	11620490
CIE _{Lab}	48.16, 46.31, -13.40
CIE _{LCh}	48, 48.205, 343.859
Yxy	16.9194, 0.3737, 0.2471
Android (android.graphics.Color)	4289810570 (0xFFB1508A)
YUV	115.6150, 11.0358, 53.8346
Hunter-Lab	41.1332, 39.0558, -8.6286

Details

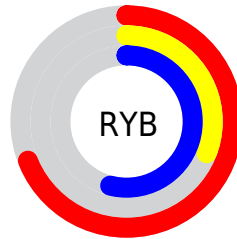
The XYZ color **25.5876, 16.9194, 25.9619** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.3610, 34.4823, 22.9316**, and the grayscale version is **16.4423, 17.2986, 18.8382**.

A 20% lighter version of the original color is **52.0524, 38.1988, 53.9199**, and **10.1351, 5.5374, 9.7672** is the 20% darker color. If you saturate the color by 10%, you get **23.9597, 14.4612, 22.9599**, and if you desaturate by 10%, it is **27.5916, 20.0754, 29.2562**.

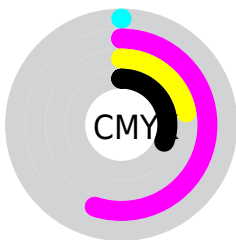
Distribution



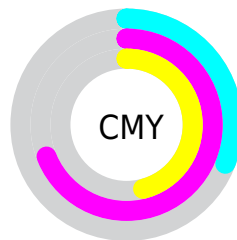
- Red (69%)
- Green (31%)
- Blue (54%)



- Red (69%)
- Yellow (31%)
- Blue (54%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (31%)





- Cyan (31%)
- Magenta (69%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5876, 16.9194, 25.9619 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 25.5876, 16.9194, 25.9619 by changing the saturation by 10% instead.


 25.5876, 16.9194,
25.9619


 25.5876, 16.9194,
25.9619


273.0457,
234.7075, 296.1945


 16.6464, 10.1770,
16.5696

 52.0449, 38.1871,
54.1968


 10.0765, 5.5165,
9.7694


 70.2918, 53.4813,
73.8765


 5.5123, 2.5534,
5.1427

 92.3714, 72.3949,
97.8225

 2.5887, 0.9033,
2.2711

 118.6489, 95.3123,
126.4532

 0.9402, 0.0000,
0.7149

 149.4897,
122.6178, 160.1872

 0.0000, 0.0000,
0.0000

185.2592,

154.6959, 199.4431

226.3227,
191.9310, 244.6393

■ 25.5876, 16.9194,
25.9619

■ 25.5876, 16.9194,
25.9619

■ 23.9597, 14.4612,
22.9599

■ 27.5916, 20.0754,
29.2562

■ 22.6783, 12.6433,
20.2366

■ 29.9953, 23.9759,
32.8533

■ 21.7117, 11.4028,
17.7785

■ 32.8221, 28.6665,
36.7641

■ 21.0206, 10.6626,
15.5691

■ 36.0928, 34.1881,
40.9985

■ 20.7244, 10.3843,
14.5020

■ 39.8273, 40.5792,
45.5660

■ 44.0437, 47.8756,
50.4753

■ 48.7596, 56.1110,
55.7351

■ 53.9912, 65.3176,
61.3534

■ 59.7545, 75.5260,
67.3382

Harmonies

Analogous

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



22.6404, 16.9194, 41.8168



25.5876, 16.9194, 25.9619



25.7059, 16.9194, 13.2346

Triad

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



25.5876, 16.9194, 25.9619



14.1500, 16.9194, 3.5371



10.7478, 16.9194, 40.6561

Complementary

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



25.5876, 16.9194, 25.9619



22.3610, 34.4823, 22.9316

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.



9.2204, 16.9194, 24.8145



25.5876, 16.9194, 25.9619



10.9299, 16.9194, 5.9415

Square

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



25.5876, 16.9194, 25.9619



18.5344, 16.9194, 3.6204



9.2804, 16.9194, 12.5052



13.8549, 16.9194, 52.5932

Rectangle

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



25.5876, 16.9194, 25.9619



24.1245, 16.9194, 7.9980



9.2804, 16.9194, 12.5052



10.0600, 16.9194, 35.3627

Sweetspot

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



25.5881, 16.9202, 25.9622



63.7260, 59.6758, 72.2718



18.3857, 12.8204, 43.1009



13.5478, 12.4877, 15.3275



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.5881, 16.9202, 25.9622



42.3230, 25.0429, 39.9410



22.8335, 15.8184, 11.4569



8.7025, 8.5877, 9.9317



15.0460, 7.5360, 10.6684



0.5013, 0.2483, 0.4827

Inverse Universe

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



25.5881, 16.9202, 25.9622



42.3230, 25.0429, 39.9410



26.0339, 35.9514, 42.2725



8.7025, 8.5877, 9.9317



15.0460, 7.5360, 10.6684



0.5013, 0.2483, 0.4827

Previews

White Background



This preview shows how the XYZ color 25.5876, 16.9194, 25.9619 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 25.5876, 16.9194, 25.9619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

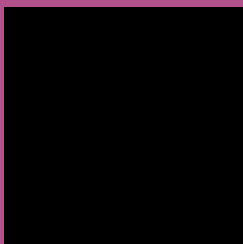
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5876, 16.9194, 25.9619

Background



This preview shows how black text looks on a background with the XYZ color 25.5876, 16.9194, 25.9619.



This preview shows how white text looks on a background with the XYZ color 25.5876, 16.9194,

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

25.5876, 16.9194, 25.9619

Protanopia

17.6822, 17.1282, 36.5565

Deuteranopia

17.3639, 17.0637, 24.5687



Tritanopia

22.9173, 16.8735, 13.1154

Trichromacy



Original Color

25.5876, 16.9194, 25.9619

Protanomaly

19.3055, 16.1965, 32.2457

Deuteranomaly

19.5778, 16.3526, 25.0462

Tritanomaly

23.6526, 16.8019, 17.0354

Monochromacy



Original Color

25.5876, 16.9194, 25.9619

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.9696, 16.5590, 21.2652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5876, 16.9194, 25.9619 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(177, 80, 138)` looks like.

```
.text, #text, p{  
    color:rgb(177, 80, 138)  
}
```

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(177, 80, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 80, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.5876, 16.9194, 25.9619 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(177, 80, 138) }
```


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

```
.border{ border-color:rgb(177, 80, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 80, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 80, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 80, 138);  
box-shadow:4px 4px 4px 4px rgb(177, 80,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5876, 16.9194, 25.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 80, 138) }
```

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

```
.background{ background-color: rgb(177, 80,  
138) }
```

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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