

Converting Colors

XYZ(25.5776, 18.1763, 26.8726)

Have a look what the booklet for
XYZ(25.5776, 18.1763, 26.8726)
contains.

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Color

**XYZ(25.7083, 18.2599,
26.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5B8C
RGB	173, 91, 140
RGB Percent	68%, 36%, 55%
CMY	0.3216, 0.6431, 0.4510
CMYK	0.00, 0.47, 0.19, 0.32
HSL	324°, 33%, 52%
HSV	324°, 47%, 68%
XYZ	25.7083, 18.2599, 26.9805
YIQ	121.1040, 33.1430, 32.6230

Conversions

Conversions Part 2

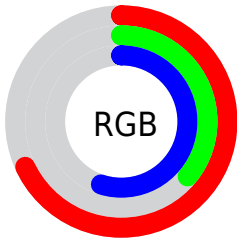
Format	Color
R_{YB}	173, 91, 140
Decimal	11361164
CIE _{Lab}	49.81, 39.69, -12.16
CIE _{LCh}	50, 41.513, 342.974
Yxy	18.2599, 0.3624, 0.2574
Android (android.graphics.Color)	4289551244 (0xFFAD5B8C)
YUV	121.1040, 9.3157, 45.5128
Hunter-Lab	42.7316, 32.6093, -7.5233

Details

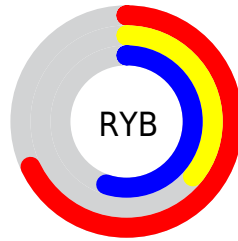
The XYZ color **25.7083, 18.2599, 26.9805** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.8969, 33.5670, 24.3427**, and the grayscale version is **18.1715, 19.1178, 20.8193**.

A 20% lighter version of the original color is **52.1932, 40.3630, 56.0789**, and **10.0755, 6.1073, 10.3207** is the 20% darker color. If you saturate the color by 10%, you get **23.8991, 15.4370, 23.9241**, and if you desaturate by 10%, it is **27.8920, 21.7793, 30.3224**.

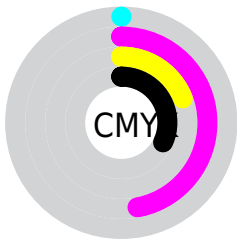
Distribution



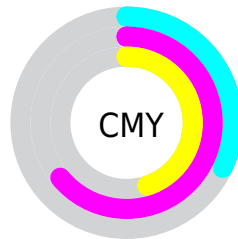
- Red (68%)
- Green (36%)
- Blue (55%)



- Red (68%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (47%)
- Yellow (19%)
- Black (32%)



- Cyan (32%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7083, 18.2599, 26.9805 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 25.7083, 18.2599, 26.9805 by changing the saturation by 10% instead.

■ 25.7083, 18.2599,
26.9805

■ 25.7083, 18.2599,
26.9805

273.6302,
242.3319, 301.3199

■ 16.7371, 11.1367,
17.3263

■ 52.2386, 40.4797,
55.8559

■ 10.1414, 6.1589,
10.3030

■ 70.5285, 56.3451,
75.9142

■ 5.5558, 2.9419,
5.4921

■ 92.6552, 75.8934,
100.2776

■ 2.6150, 1.1015,
2.4750

■ 118.9843, 99.5090,
129.3646

■ 0.9536, 0.0000,
0.8269

149.8809,
127.5762, 163.5938

■ 0.0000, 0.0000,
0.0000

185.7106,

160.4795, 203.3837

226.8386,
198.6033, 249.1529

■ 25.7083, 18.2599,
26.9805

■ 25.7083, 18.2599,
26.9805

■ 23.8991, 15.4370,
23.9241

■ 27.8920, 21.7793,
30.3224

■ 22.4383, 13.2603,
21.1411

■ 30.4707, 26.0358,
33.9589

■ 21.2992, 11.6768,
18.6196

■ 33.4651, 31.0700,
37.8999

■ 20.4499, 10.6239,
16.3460

■ 36.8941, 36.9187,
42.1545

■ 19.8420, 10.0059,
14.3008

■ 40.7753, 43.6163,
46.7311

■ 19.7007, 9.8711,
13.7978

■ 45.1255, 51.1954,
51.6380

■ 49.9604, 59.6867,
56.8829

■ 55.2951, 69.1194,
62.4733

■ 61.1438, 79.5215,
68.4165

Harmonies

Analogous

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



23.0850, 18.2599, 40.5039



25.7083, 18.2599, 26.9805



25.8899, 18.2599, 15.3740

Triad

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



25.7083, 18.2599, 26.9805



15.7004, 18.2599, 5.2973



12.3561, 18.2599, 38.7758

Complementary

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



25.7083, 18.2599, 26.9805



22.8969, 33.5670, 24.3427

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.



10.9389, 18.2599, 25.1947



25.7083, 18.2599, 26.9805



12.6623, 18.2599, 7.8081

Square

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



25.7083, 18.2599, 26.9805



19.6835, 18.2599, 5.4644



11.0417, 18.2599, 14.1523



15.2186, 18.2599, 48.8985

Rectangle

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



25.7083, 18.2599, 26.9805



24.5647, 18.2599, 10.2130



11.0417, 18.2599, 14.1523



11.7159, 18.2599, 34.2809

Sweetspot

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



25.7089, 18.2608, 26.9809



61.7840, 58.7853, 70.2167



19.5681, 14.7706, 41.3550



13.1584, 12.3189, 14.9208



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7089, 18.2608, 26.9809



42.6278, 27.3812, 42.5341



23.2371, 17.2721, 13.9648



8.1985, 8.0927, 9.3563



14.5019, 7.2633, 10.2882



0.4295, 0.2125, 0.4237

Inverse Universe

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



25.7089, 18.2608, 26.9809



42.6278, 27.3812, 42.5341



26.0319, 34.8211, 40.8515



8.1985, 8.0927, 9.3563



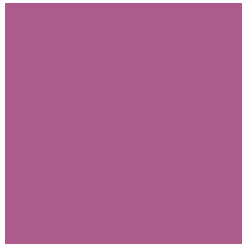
14.5019, 7.2633, 10.2882



0.4295, 0.2125, 0.4237

Previews

White Background



This preview shows how the XYZ color 25.7083, 18.2599, 26.9805 looks on a white background.

Color Contrast Check

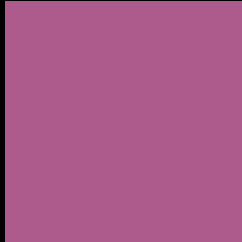
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7083, 18.2599, 26.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

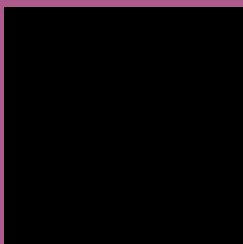
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7083, 18.2599, 26.9805

Background



This preview shows how black text looks on a background with the XYZ color 25.7083, 18.2599, 26.9805.



This preview shows how white text looks on a background with the XYZ color 25.7083, 18.2599,

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

25.7083, 18.2599, 26.9805

Protanopia

18.9208, 18.6482, 35.4031

Deuteranopia

18.8577, 18.4793, 25.8655



Tritanopia

23.2797, 18.1903, 15.6487

Trichromacy



Original Color

25.7083, 18.2599, 26.9805

Protanomaly

20.5458, 17.8977, 32.0775

Deuteranomaly

20.7576, 17.9843, 26.0442

Tritanomaly

23.9398, 18.0385, 19.3595

Monochromacy



Original Color

25.7083, 18.2599, 26.9805

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.2874, 18.2858, 22.8823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7083, 18.2599, 26.9805 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(173, 91, 140)` looks like.

```
.text, #text, p{  
    color:rgb(173, 91, 140)  
}
```

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(173, 91, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 91, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.7083, 18.2599, 26.9805 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(173, 91, 140) }
```


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

```
.border{ border-color:rgb(173, 91, 140) }
```

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

Here you see how a box with a 4 pixel rgb(173, 91, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 91, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 91, 140);  
box-shadow:4px 4px 4px 4px rgb(173, 91,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7083, 18.2599, 26.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 91, 140) }
```

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

```
.background{ background-color: rgb(173, 91,  
140) }
```

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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