

Converting Colors

XYZ(25.7249, 16.5848, 22.8045)

Have a look what the booklet for
XYZ(25.7249, 16.5848, 22.8045)
contains.

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Color

**XYZ(25.9051, 16.7257,
22.9821)**

Conversions

Conversions Part 1

Format	Color
Hex	B64C82
RGB	182, 76, 130
RGB Percent	71%, 30%, 51%
CMY	0.2863, 0.7019, 0.4902
CMYK	0.00, 0.58, 0.29, 0.29
HSL	329°, 42%, 51%
HSV	329°, 58%, 71%
XYZ	25.9051, 16.7257, 22.9821
YIQ	113.8500, 45.8420, 39.2660

Conversions

Conversions Part 2

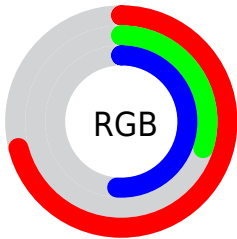
Format	Color
RYB	182, 76, 130
Decimal	11947138
CIELab	47.91, 48.69, -8.89
CIELCh	48, 49.499, 349.658
Yxy	16.7257, 0.3948, 0.2549
Android (android.graphics.Color)	4290137218 (0xFFB64C82)
YUV	113.8500, 7.9620, 59.7676
Hunter-Lab	40.8971, 41.4960, -4.6901

Details

The XYZ color **25.9051, 16.7257, 22.9821** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.6056, 36.5514, 26.2351**, and the grayscale version is **15.9173, 16.7462, 18.2366**.

A 20% lighter version of the original color is **52.3327, 37.6447, 49.3077**, and **10.3057, 5.4623, 8.2957** is the 20% darker color. If you saturate the color by 10%, you get **24.2503, 14.3339, 19.6008**, and if you desaturate by 10%, it is **27.9675, 19.8492, 26.7562**.

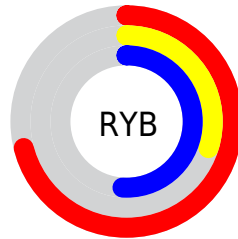
Distribution



Red (71%)

Green (30%)

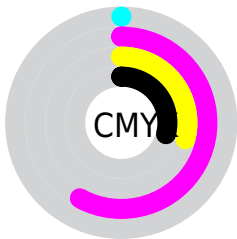
Blue (51%)



Red (71%)

Yellow (30%)

Blue (51%)

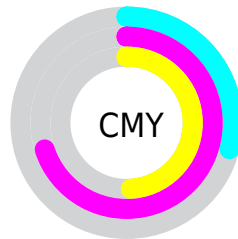


Cyan (0%)

Magenta (58%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (70%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9051, 16.7257, 22.9821 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 25.9051, 16.7257, 22.9821 by changing the saturation by 10% instead.

 25.9051, 16.7257,
22.9821


 25.9051, 16.7257,
22.9821


274.5812,
233.5867, 280.7520


 16.8850, 10.0391,
14.3751


 52.5542, 37.8536,
49.2868


 10.2473, 5.4249,
8.2403


 70.9139, 53.0636,
67.8215


 5.6268, 2.4987,
4.1591

 93.1175, 71.8836,
90.5026

 2.6580, 0.8760,
1.7130

 119.5303, 94.6980,
117.7486

 0.9756, 0.0000,
0.3696

 150.5177,
121.8911, 149.9779

 0.0000, 0.0000,
0.0000

186.4451,

153.8473, 187.6093

227.6778,
190.9510, 231.0611

■ 25.9051, 16.7257,
22.9821

■ 25.9051, 16.7257,
22.9821

■ 24.2503, 14.3339,
19.6008

■ 27.9675, 19.8492,
26.7562

■ 22.9696, 12.6093,
16.5942

■ 30.4646, 23.7569,
30.9379

■ 22.0261, 11.4801,
13.9434

■ 33.4225, 28.4992,
35.5422

■ 21.3594, 10.8280,
11.6212

■ 36.8651, 34.1215,
40.5828

■ 21.2545, 10.7303,
11.2402

■ 40.8142, 40.6660,
46.0727

■ 45.2906, 48.1722,
52.0242

■ 50.3136, 56.6772,
58.4491

■ 55.9016, 66.2161,
65.3589

■ 62.0722, 76.8223,
72.7644

Harmonies

Analogous

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



23.3639, 16.7257, 39.1659



25.9051, 16.7257, 22.9821



25.4095, 16.7257, 11.1403

Triad

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



25.9051, 16.7257, 22.9821



13.1853, 16.7257, 3.4981



10.9702, 16.7257, 44.0519

Complementary

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



25.9051, 16.7257, 22.9821



23.6056, 36.5514, 26.2351

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.



9.1160, 16.7257, 27.7777



25.9051, 16.7257, 22.9821



10.2195, 16.7257, 6.4964

Square

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



25.9051, 16.7257, 22.9821



17.4858, 16.7257, 3.1658



8.8696, 16.7257, 14.1514



14.4080, 16.7257, 54.5943

Rectangle

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



25.9051, 16.7257, 22.9821



23.4491, 16.7257, 6.6100



8.8696, 16.7257, 14.1514



10.1706, 16.7257, 38.7930

Sweetspot

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



25.9056, 16.7265, 22.9824



67.4766, 62.9169, 74.4871



19.8161, 13.0773, 45.7358



14.6085, 13.4109, 16.0312



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.



25.9056, 16.7265, 22.9824



43.2138, 24.9458, 33.8610



23.2433, 15.6616, 8.9630



9.1904, 9.0865, 10.3499



15.0434, 7.5911, 8.1151



0.5615, 0.2801, 0.4503

Inverse Universe

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



25.9056, 16.7265, 22.9824



43.2138, 24.9458, 33.8610



27.9710, 38.2975, 49.2228



9.1904, 9.0865, 10.3499



15.0434, 7.5911, 8.1151



0.5615, 0.2801, 0.4503

Previews

White Background



This preview shows how the XYZ color 25.9051, 16.7257, 22.9821 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 25.9051, 16.7257, 22.9821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

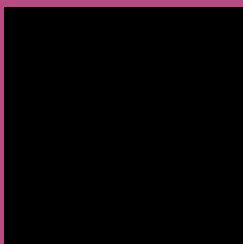
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9051, 16.7257, 22.9821

Background



This preview shows how black text looks on a background with the XYZ color 25.9051, 16.7257, 22.9821.



This preview shows how white text looks on a background with the XYZ color 25.9051, 16.7257,

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

25.9051, 16.7257, 22.9821

Protanopia

17.3010, 17.0016, 33.3801

Deuteranopia

17.2713, 16.9145, 21.7566



Tritanopia

23.7272, 16.8360, 11.8966

Trichromacy



Original Color

25.9051, 16.7257, 22.9821

Protanomaly

19.1056, 16.0150, 29.2784

Deuteranomaly

19.5261, 16.1073, 22.1586

Tritanomaly

24.3895, 16.7578, 15.3137

Monochromacy



Original Color

25.9051, 16.7257, 22.9821

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.5948, 15.9594, 19.8697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9051, 16.7257, 22.9821 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, 76, 130)` looks like.

```
.text, #text, p{  
    color:rgb(182, 76, 130)  
}
```

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, 76, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 76, 130) }
```

Border

The CSS property to change the border of an element to XYZ 25.9051, 16.7257, 22.9821 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, 76, 130) }
```


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

```
.border{ border-color:rgb(182, 76, 130) }
```

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

Here you see how a box with a 4 pixel rgb(182, 76, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 76, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 76, 130);  
box-shadow:4px 4px 4px 4px rgb(182, 76,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9051, 16.7257, 22.9821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 76, 130) }
```

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

```
.background{ background-color: rgb(182, 76,  
130) }
```

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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