

Converting Colors

XYZ(18.0265, 10.6852, 29.9665)

Have a look what the booklet for
XYZ(18.0265, 10.6852, 29.9665)
contains.

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Color

**XYZ(18.0265, 10.6852,
29.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3796
RGB	142, 55, 150
RGB Percent	56%, 22%, 59%
CMY	0.4431, 0.7843, 0.4118
CMYK	0.05, 0.63, 0.00, 0.41
HSL	295°, 46%, 40%
HSV	295°, 63%, 59%
XYZ	18.0265, 10.6852, 29.9665
YIQ	91.8430, 21.3570, 47.9890

Conversions

Conversions Part 2

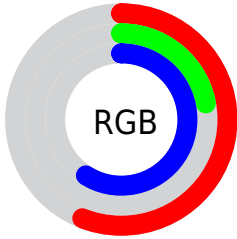
Format	Color
R_{YB}	142, 55, 150
Decimal	9320342
CIE _{Lab}	39.05, 50.01, -35.19
CIE _{LCh}	39, 61.148, 324.869
Yxy	10.6852, 0.3072, 0.1821
Android (android.graphics.Color)	4287510422 (0xFF8E3796)
YUV	91.8430, 28.6714, 43.9877
Hunter-Lab	32.6882, 41.2326, -31.4716

Details

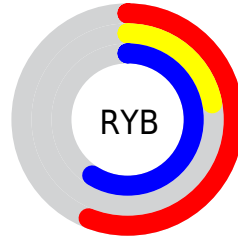
The XYZ color **18.0265, 10.6852, 29.9665** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.6463, 23.1456, 7.3633**, and the grayscale version is **10.0699, 10.5943, 11.5372**.

A 20% lighter version of the original color is **39.6707, 27.1387, 60.9050**, and **6.2766, 2.9756, 12.0479** is the 20% darker color. If you saturate the color by 10%, you get **17.2039, 9.3596, 29.7542**, and if you desaturate by 10%, it is **19.0689, 12.4461, 30.2516**.

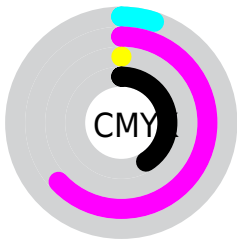
Distribution



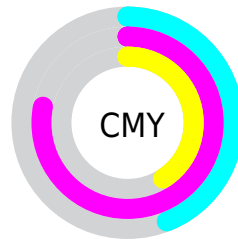
- Red (56%)
- Green (22%)
- Blue (59%)



- Red (56%)
- Yellow (22%)
- Blue (59%)



- Cyan (5%)
- Magenta (63%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (78%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0265, 10.6852, 29.9665 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 18.0265, 10.6852, 29.9665 by changing the saturation by 10% instead.

18.0265, 10.6852,
29.9665

18.0265, 10.6852,
29.9665

234.0631,
195.4949, 315.9507

11.0688, 5.8556,
19.5613

39.6122, 27.0766,
60.6696

6.1808, 2.7575,
11.8957

54.9709, 39.4071,
81.8046

2.9970, 1.0065,
6.5510

73.8607, 55.0067,
107.3532

1.1522, 0.0000,
3.1088

96.6469, 74.2598,
137.7341

0.0681, 0.0000,
1.1504

123.6949, 97.5508,
173.3658

0.0000, 0.0000,
0.0000

155.3700,

125.2640, 214.6667

192.0376,
157.7839, 262.0555

■ 18.0265, 10.6852,
29.9665

■ 18.0265, 10.6852,
29.9665

■ 17.2039, 9.3596,
29.7542

■ 19.0689, 12.4461,
30.2516

■ 16.5796, 8.4274,
29.6071

■ 20.3478, 14.6766,
30.6147

■ 16.1299, 7.8405,
29.5175

■ 21.8795, 17.4090,
31.0614

■ 15.8821, 7.5516,
29.4748

■ 23.6785, 20.6725,
31.5965

■ 25.7584, 24.4940,
32.2245

■ 28.1316, 28.8985,
32.9496

■ 30.8100, 33.9095,
33.7756

■ 33.8047, 39.5494,
34.7064

■ 37.1262, 45.8393,
35.7454

Harmonies

Analogous

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



13.8290, 10.6852, 46.2884



18.0265, 10.6852, 29.9665



20.1561, 10.6852, 13.7639

Triad

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



18.0265, 10.6852, 29.9665



10.8746, 10.6852, 0.4486



4.5678, 10.6852, 23.8855

Complementary

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



18.0265, 10.6852, 29.9665



13.6463, 23.1456, 7.3633

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.



4.1709, 10.6852, 9.7367



18.0265, 10.6852, 29.9665



7.1987, 10.6852, 0.8278

Square

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



18.0265, 10.6852, 29.9665



15.3779, 10.6852, 1.2317



4.9926, 10.6852, 2.8985



6.2744, 10.6852, 41.4197

Rectangle

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



18.0265, 10.6852, 29.9665



19.7928, 10.6852, 6.7653



4.9926, 10.6852, 2.8985



4.3001, 10.6852, 18.4116

Sweetspot

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



18.0269, 10.6857, 29.9667



43.1787, 39.0300, 56.1790



8.9428, 6.7383, 29.6836



9.3646, 8.2752, 12.3885



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.0269, 10.6857, 29.9667



29.8615, 15.7521, 52.3878



16.8689, 10.3868, 16.4456



5.9877, 5.8846, 7.2900



13.1853, 6.2699, 24.4463



0.1728, 0.0826, 0.2997

Inverse Universe

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



14.8415, 9.5758, 5.7693



23.9812, 13.7520, 5.5166



14.4581, 23.4155, 14.1142



5.8195, 5.8228, 6.1554



10.4956, 5.4033, 0.8248



0.1324, 0.0677, 0.0308

Previews

White Background



This preview shows how the XYZ color 18.0265, 10.6852, 29.9665 looks on a white background.

Color Contrast Check

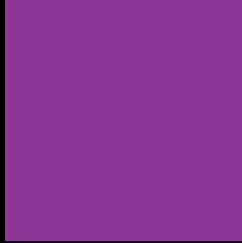
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0265, 10.6852, 29.9665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

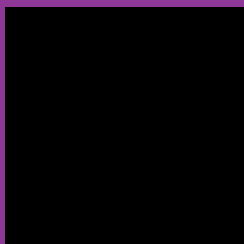
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0265, 10.6852, 29.9665

Background



This preview shows how black text looks on a background with the XYZ color 18.0265, 10.6852, 29.9665.



This preview shows how white text looks on a background with the XYZ color 18.0265, 10.6852,

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

18.0265, 10.6852, 29.9665

Protanopia

12.8306, 11.0546, 46.2572

Deuteranopia

11.1952, 11.0006, 27.9188



Tritanopia

13.6741, 10.6128, 9.1123

Trichromacy



Original Color

18.0265, 10.6852, 29.9665

Protanomaly

12.7522, 9.6645, 39.7214

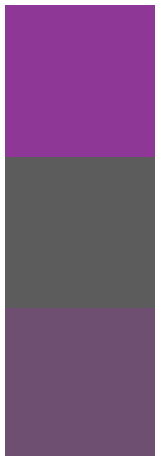
Deuteranomaly

12.6004, 10.0470, 28.4693

Tritanomaly

14.8220, 10.4091, 14.8636

Monochromacy



Original Color

18.0265, 10.6852, 29.9665

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

12.2070, 10.0992, 16.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0265, 10.6852, 29.9665 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(142, 55, 150)` looks like.

```
.text, #text, p{  
    color:rgb(142, 55, 150)  
}
```

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(142, 55, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 55, 150) }
```

Border

The CSS property to change the border of an element to XYZ 18.0265, 10.6852, 29.9665 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(142, 55, 150) }
```


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

```
.border{ border-color:rgb(142, 55, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 55, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 55, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 55, 150);  
box-shadow:4px 4px 4px 4px rgb(142, 55,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0265, 10.6852, 29.9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 55, 150) }
```

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

```
.background{ background-color: rgb(142, 55,  
150) }
```

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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