

Converting Colors

XYZ(25.8538, 18.6847, 30.2068)

Have a look what the booklet for
XYZ(25.8538, 18.6847, 30.2068)
contains.

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Color

**XYZ(25.9256, 18.6896,
30.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5E94
RGB	170, 94, 148
RGB Percent	67%, 37%, 58%
CMY	0.3333, 0.6314, 0.4196
CMYK	0.00, 0.45, 0.13, 0.33
HSL	317°, 31%, 52%
HSV	317°, 45%, 67%
XYZ	25.9256, 18.6896, 30.2580
YIQ	122.8800, 27.9620, 32.9060

Conversions

Conversions Part 2

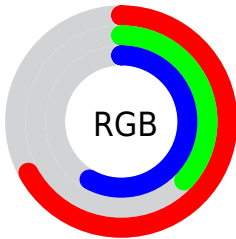
Format	Color
R_{YB}	170, 94, 148
Decimal	11165332
CIE _{Lab}	50.32, 38.39, -16.17
CIE _{LCh}	50, 41.659, 337.167
Yxy	18.6896, 0.3463, 0.2496
Android (android.graphics.Color)	4289355412 (0xFFAA5E94)
YUV	122.8800, 12.3842, 41.3242
Hunter-Lab	43.2315, 31.3901, -11.2354

Details

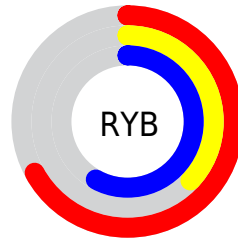
The XYZ color **25.9256, 18.6896, 30.2580** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.1441, 32.3907, 21.6093**, and the grayscale version is **18.7418, 19.7179, 21.4728**.

A 20% lighter version of the original color is **52.6181, 41.1529, 61.0471**, and **10.2608, 6.3774, 11.9994** is the 20% darker color. If you saturate the color by 10%, you get **24.1959, 15.8401, 27.8003**, and if you desaturate by 10%, it is **28.0060, 22.2133, 32.9147**.

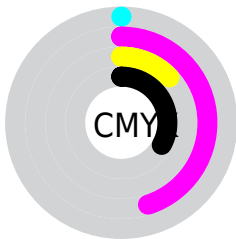
Distribution



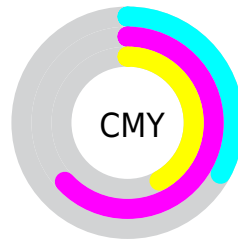
- Red (67%)
- Green (37%)
- Blue (58%)



- Red (67%)
- Yellow (37%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (13%)
- Black (33%)



- Cyan (33%)
- Magenta (63%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9256, 18.6896, 30.2580 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 25.9256, 18.6896, 30.2580 by changing the saturation by 10% instead.

■ 25.9256, 18.6896,
30.2580

■ 25.9256, 18.6896,
30.2580

274.6801,
244.7298, 317.3499

■ 16.9004, 11.4462,
19.7808

■ 52.5871, 41.2089,
61.1358

■ 10.2584, 6.3678,
12.0533

■ 70.9540, 57.2537,
82.3734

■ 5.6342, 3.0700,
6.6570

■ 93.1656, 77.0010,
108.0349

■ 2.6625, 1.1684,
3.1734

■ 119.5871,
100.8352, 138.5389

■ 0.9779, 0.0357,
1.1838

150.5840,
129.1408, 174.3038

■ 0.0000, 0.0000,
0.0000

186.5215,

162.3022, 215.7483

227.7651,
200.7037, 263.2908

■ 25.9256, 18.6896,
30.2580

■ 25.9256, 18.6896,
30.2580

■ 24.1959, 15.8401,
27.8003

■ 28.0060, 22.2133,
32.9147

■ 22.7927, 13.6179,
25.5319

■ 30.4556, 26.4489,
35.7770

■ 21.6918, 11.9742,
23.4440

■ 33.2936, 31.4343,
38.8525

■ 20.8643, 10.8519,
21.5260

■ 36.5376, 37.2039,
42.1480

■ 20.2753, 10.1815,
19.7650

■ 40.2037, 43.7902,
45.6697

■ 20.0159, 9.9214,
18.8809

■ 44.3074, 51.2237,
49.4237

■ 48.8634, 59.5332,
53.4159

■ 53.8854, 68.7464,
57.6518

■ 59.3870, 78.8896,
62.1367

Harmonies

Analogous

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



22.8808, 18.6896, 43.7165



25.9256, 18.6896, 30.2580



26.6369, 18.6896, 17.6992

Triad

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



25.9256, 18.6896, 30.2580



16.8125, 18.6896, 5.2980



12.2662, 18.6896, 36.9608

Complementary

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



25.9256, 18.6896, 30.2580



22.1441, 32.3907, 21.6093

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.



11.1190, 18.6896, 23.2526



25.9256, 18.6896, 30.2580



13.4731, 18.6896, 7.2738

Square

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



25.9256, 18.6896, 30.2580



20.9511, 18.6896, 5.9638



11.5248, 18.6896, 12.8818



14.9175, 18.6896, 48.5009

Rectangle

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



25.9256, 18.6896, 30.2580



25.6076, 18.6896, 11.7904



11.5248, 18.6896, 12.8818



11.7118, 18.6896, 32.2875

Sweetspot

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



25.9262, 18.6905, 30.2584



61.2243, 58.4796, 71.3455



18.3999, 14.5898, 39.8770



13.3864, 12.5691, 15.6313



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.



25.9262, 18.6905, 30.2584



43.8224, 28.6138, 50.3221



23.4210, 17.6884, 17.0662



7.7479, 7.6290, 8.9899



14.7488, 7.3082, 14.0206



0.3794, 0.1860, 0.4492

Inverse Universe

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



25.9262, 18.6905, 30.2584



43.8224, 28.6138, 50.3221



24.7855, 33.4473, 35.5188



7.7479, 7.6290, 8.9899



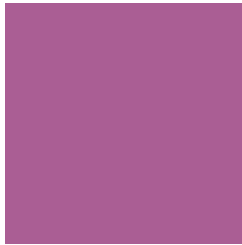
14.7488, 7.3082, 14.0206



0.3794, 0.1860, 0.4492

Previews

White Background



This preview shows how the XYZ color 25.9256, 18.6896, 30.2580 looks on a white background.

Color Contrast Check

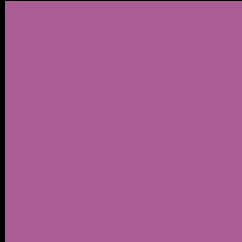
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9256, 18.6896, 30.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

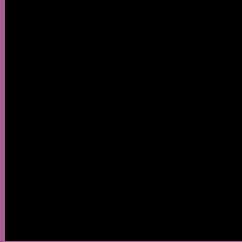
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9256, 18.6896, 30.2580

Background



This preview shows how black text looks on a background with the XYZ color 25.9256, 18.6896, 30.2580.



This preview shows how white text looks on a background with the XYZ color 25.9256, 18.6896,

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

25.9256, 18.6896, 30.2580

Protanopia

19.4236, 19.0110, 38.7221

Deuteranopia

19.1411, 18.7293, 28.9918



Tritanopia

23.2917, 18.7355, 17.1406

Trichromacy



Original Color

25.9256, 18.6896, 30.2580

Protanomaly

20.8872, 18.3222, 35.2365

Deuteranomaly

21.0607, 18.3849, 29.2267

Tritanomaly

24.0363, 18.5944, 21.3910

Monochromacy



Original Color

25.9256, 18.6896, 30.2580

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.7742, 18.8297, 24.3694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9256, 18.6896, 30.2580 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(170, 94, 148)` looks like.

```
.text, #text, p{  
    color:rgb(170, 94, 148)  
}
```

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(170, 94, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 94, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.9256, 18.6896, 30.2580 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(170, 94, 148) }
```


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

```
.border{ border-color:rgb(170, 94, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 94, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 94, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 94, 148);  
box-shadow:4px 4px 4px 4px rgb(170, 94,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9256, 18.6896, 30.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 94, 148) }
```

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

```
.background{ background-color: rgb(170, 94,  
148) }
```

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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