

Converting Colors

XYZ(25.1008, 17.9927, 34.9332)

Have a look what the booklet for
XYZ(25.1008, 17.9927, 34.9332)
contains.

XYZ(25.0727, 18.0133, 34.9563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0727, 18.0133,
34.9563)**

Conversions

Conversions Part 1

Format	Color
Hex	A25D9F
RGB	162, 93, 159
RGB Percent	64%, 36%, 62%
CMY	0.3647, 0.6353, 0.3765
CMYK	0.00, 0.43, 0.02, 0.36
HSL	303°, 27%, 50%
HSV	303°, 43%, 64%
XYZ	25.0727, 18.0133, 34.9563
YIQ	121.1550, 19.9380, 35.1540

Conversions

Conversions Part 2

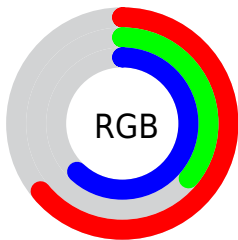
Format	Color
R_{YB}	162, 93, 159
Decimal	10640799
CIE _{Lab}	49.51, 38.29, -23.99
CIE _{LCh}	50, 45.186, 327.926
Yxy	18.0133, 0.3213, 0.2308
Android (android.graphics.Color)	4288830879 (0xFFA25D9F)
YUV	121.1550, 18.6576, 35.8211
Hunter-Lab	42.4421, 31.1754, -19.1232

Details

The XYZ color **25.0727, 18.0133, 34.9563** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.5467, 29.0131, 15.6373**, and the grayscale version is **18.1617, 19.1075, 20.8081**.

A 20% lighter version of the original color is **51.1764, 40.0113, 68.6440**, and **9.8244, 6.0405, 14.5580** is the 20% darker color. If you saturate the color by 10%, you get **23.7378, 15.4407, 34.2107**, and if you desaturate by 10%, it is **26.7104, 21.1901, 35.8049**.

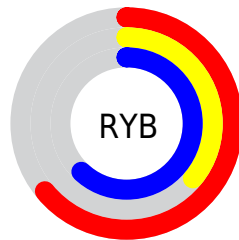
Distribution



Red (64%)

Green (36%)

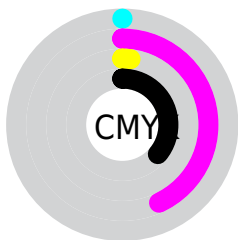
Blue (62%)



Red (64%)

Yellow (36%)

Blue (62%)

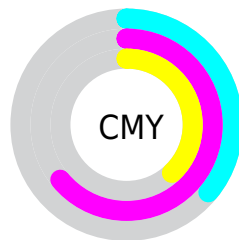


Cyan (0%)

Magenta (43%)

Yellow (2%)

Black (36%)



Cyan (36%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0727, 18.0133, 34.9563 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 25.0727, 18.0133, 34.9563 by changing the saturation by 10% instead.


 25.0727, 18.0133,
34.9563


 25.0727, 18.0133,
34.9563

270.5408,
240.9460, 339.2738


 16.2602, 10.9595,
23.3459


 51.2172, 40.0600,
68.5689


 9.8005, 6.0396,
14.6415


 69.2799, 55.8217,
91.4081

 5.3281, 2.8692,
8.4243


 91.1568, 75.2549,
118.8275

 2.4778, 1.0638,
4.2760

 117.2132, 98.7438,
151.2454

 0.8841, 0.0000,
1.7779

147.8144,
126.6730, 189.0804

 0.0000, 0.0000,
0.4133

183.3258,

 0.0000, 0.0000,

159.4269, 232.7512

0.0000

224.1128,
197.3897, 282.6761

■ 25.0727, 18.0133,
34.9563

■ 25.0727, 18.0133,
34.9563

■ 23.7378, 15.4407,
34.2107

■ 26.7104, 21.1901,
35.8049

■ 22.6846, 13.4314,
33.5605

■ 28.6665, 25.0037,
36.7612

■ 21.8925, 11.9435,
32.9991

■ 30.9579, 29.4872,
37.8310

■ 21.3368, 10.9282,
32.5182

■ 33.5996, 34.6707,
39.0193

■ 20.9887, 10.3272,
32.1082

■ 36.6057, 40.5826,
40.3308

■ 20.8132, 10.0466,
31.8330

■ 39.9897, 47.2496,
41.7699

■ 43.7642, 54.6971,
43.3410

■ 47.9413, 62.9494,
45.0480

■ 52.5327, 72.0295,
46.8949

Harmonies

Analogous

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



21.2660, 18.0133, 48.6288



25.0727, 18.0133, 34.9563



26.7183, 18.0133, 20.4778

Triad

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



25.0727, 18.0133, 34.9563



17.4203, 18.0133, 4.2410



10.8374, 18.0133, 32.8317

Complementary

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



25.0727, 18.0133, 34.9563



19.5467, 29.0131, 15.6373

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.



10.1508, 18.0133, 18.7738



25.0727, 18.0133, 34.9563



13.5531, 18.0133, 5.3007

Square

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



25.0727, 18.0133, 34.9563



21.8670, 18.0133, 5.6648



11.0582, 18.0133, 9.5812



13.1170, 18.0133, 47.0848

Rectangle

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



25.0727, 18.0133, 34.9563



26.1923, 18.0133, 13.2239



11.0582, 18.0133, 9.5812



10.4312, 18.0133, 27.7871

Sweetspot

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



25.0733, 18.0141, 34.9567



55.9087, 52.9582, 68.5446



15.1873, 12.8872, 35.8701



12.3486, 11.4863, 15.2988



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.0733, 18.0141, 34.9567



43.2286, 28.2899, 62.1850



22.5299, 16.9967, 21.5632



7.3510, 7.1968, 8.8345



16.4011, 7.9165, 25.1006



0.3484, 0.1679, 0.5474

Inverse Universe

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



25.0733, 18.0141, 34.9567



43.2286, 28.2899, 62.1850



21.4512, 29.7749, 25.6662



7.3510, 7.1968, 8.8345



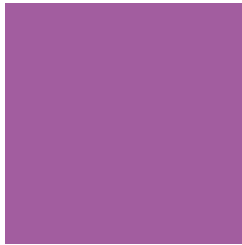
16.4011, 7.9165, 25.1006



0.3484, 0.1679, 0.5474

Previews

White Background



This preview shows how the XYZ color 25.0727, 18.0133, 34.9563 looks on a white background.

Color Contrast Check

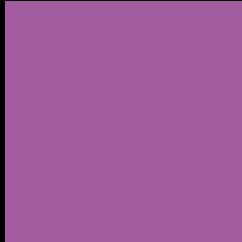
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0727, 18.0133, 34.9563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

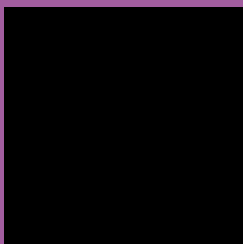
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0727, 18.0133, 34.9563

Background



This preview shows how black text looks on a background with the XYZ color 25.0727, 18.0133, 34.9563.



This preview shows how white text looks on a background with the XYZ color 25.0727, 18.0133,

34.9563.

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

25.0727, 18.0133, 34.9563

Protanopia

19.1110, 18.2065, 44.1019

Deuteranopia

18.5922, 18.1723, 33.5380



Tritanopia

21.4298, 17.9161, 17.3676

Trichromacy



Original Color

25.0727, 18.0133, 34.9563

Protanomaly

20.5034, 17.6924, 40.3645

Deuteranomaly

20.4166, 17.7926, 33.8107

Tritanomaly

22.4587, 17.7513, 22.6647

Monochromacy



Original Color

25.0727, 18.0133, 34.9563

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.2110, 18.3524, 25.3988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0727, 18.0133, 34.9563 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(162, 93, 159)` looks like.

```
.text, #text, p{  
    color:rgb(162, 93, 159)  
}
```

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(162, 93, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 93, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.0727, 18.0133, 34.9563 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(162, 93, 159) }
```


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

```
.border{ border-color:rgb(162, 93, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 93, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 93, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 93, 159); box-shadow:4px 4px 4px 4px rgb(162, 93, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0727, 18.0133, 34.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 93, 159) }
```

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

```
.background{ background-color: rgb(162, 93,  
159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor