

Converting Colors

XYZ(25.6559, 18.4022, 25.1214)

Have a look what the booklet for
XYZ(25.6559, 18.4022, 25.1214)
contains.

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Color

**XYZ(25.6559, 18.4022,
25.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5C87
RGB	174, 92, 135
RGB Percent	68%, 36%, 53%
CMY	0.3176, 0.6392, 0.4706
CMYK	0.00, 0.47, 0.22, 0.32
HSL	329°, 34%, 52%
HSV	329°, 47%, 68%
XYZ	25.6559, 18.4022, 25.1214
YIQ	121.4200, 35.0690, 30.7570

Conversions

Conversions Part 2

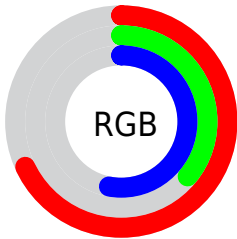
Format	Color
R_{YB}	174, 92, 135
Decimal	11426951
CIE _{Lab}	49.98, 38.74, -8.91
CIE _{LCh}	50, 39.749, 347.051
Yxy	18.4022, 0.3709, 0.2660
Android (android.graphics.Color)	4289617031 (0xFFAE5C87)
YUV	121.4200, 6.6949, 46.1127
Hunter-Lab	42.8978, 31.6845, -4.6924

Details

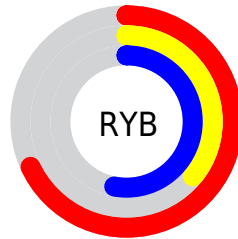
The XYZ color **25.6559, 18.4022, 25.1214** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.6473, 34.1867, 26.8267**, and the grayscale version is **18.2814, 19.2335, 20.9453**.

A 20% lighter version of the original color is **52.0054, 40.5663, 52.6660**, and **10.0754, 6.2337, 9.2665** is the 20% darker color. If you saturate the color by 10%, you get **23.7579, 15.5025, 21.7248**, and if you desaturate by 10%, it is **27.9465, 22.0141, 28.8728**.

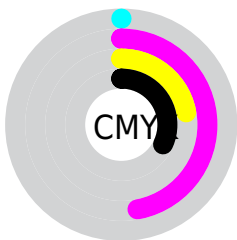
Distribution



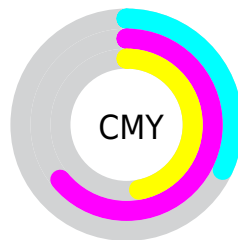
- Red (68%)
- Green (36%)
- Blue (53%)



- Red (68%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (47%)
- Yellow (22%)
- Black (32%)



- Cyan (32%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6559, 18.4022, 25.1214 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 25.6559, 18.4022, 25.1214 by changing the saturation by 10% instead.

■ 25.6559, 18.4022,
25.1214

■ 25.6559, 18.4022,
25.1214

273.3766,
243.1284, 291.9090

■ 16.6977, 11.2391,
15.9477

■ 52.1546, 40.7215,
52.8207

■ 10.1132, 6.2279,
9.3332

■ 70.4258, 56.6465,
72.1833

■ 5.5369, 2.9842,
4.8594

■ 92.5320, 76.2609,
95.7793

■ 2.6036, 1.1235,
2.1077

■ 118.8387, 99.9492,
124.0272

■ 0.9478, 0.0000,
0.6203

149.7111,
128.0957, 157.3456

■ 0.0000, 0.0000,
0.0000

185.5147,

161.0848, 196.1530

226.6147,
199.3009, 240.8680

■ 25.6559, 18.4022,
25.1214

■ 25.6559, 18.4022,
25.1214

■ 23.7579, 15.5025,
21.7248

■ 27.9465, 22.0141,
28.8728

■ 22.2257, 13.2639,
18.6683

■ 30.6508, 26.3794,
32.9903

■ 21.0318, 11.6327,
15.9379

■ 33.7902, 31.5394,
37.4859

■ 20.1435, 10.5454,
13.5172

■ 37.3842, 37.5314,
42.3709

■ 19.5134, 9.9087,
11.3846

■ 41.4510, 44.3905,
47.6556

■ 19.3544, 9.7582,
10.8154

■ 46.0078, 52.1498,
53.3503

■ 51.0711, 60.8404,
59.4645

■ 56.6562, 70.4923,
66.0076

■ 62.7782, 81.1337,
72.9885

Harmonies

Analogous

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



23.4268, 18.4022, 38.0249



25.6559, 18.4022, 25.1214



25.4809, 18.4022, 14.4874

Triad

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



25.6559, 18.4022, 25.1214



15.4272, 18.4022, 5.9175



12.9546, 18.4022, 39.6781

Complementary

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



25.6559, 18.4022, 25.1214



23.6473, 34.1867, 26.8267

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.



11.3744, 18.4022, 26.8484



25.6559, 18.4022, 25.1214



12.6530, 18.4022, 8.8628

Square

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



25.6559, 18.4022, 25.1214



19.1861, 18.4022, 5.7466



11.2727, 18.4022, 15.6893



15.8983, 18.4022, 48.2682

Rectangle

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



25.6559, 18.4022, 25.1214



24.0210, 18.4022, 9.8589



11.2727, 18.4022, 15.6893



12.2662, 18.4022, 35.5436

Sweetspot

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



25.6564, 18.4031, 25.1218



63.0808, 60.1776, 70.4708



20.7149, 15.4782, 41.9405



13.7256, 12.8857, 15.2558



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.6564, 18.4031, 25.1218



42.8220, 27.7133, 38.8909



23.3369, 17.4753, 12.9071



8.1741, 8.0829, 9.2274



14.0680, 7.0897, 8.0033



0.4188, 0.2082, 0.3670

Inverse Universe

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



25.6564, 18.4031, 25.1218



42.8220, 27.7133, 38.8909



26.9265, 35.4984, 44.0946



8.1741, 8.0829, 9.2274



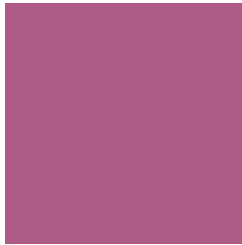
14.0680, 7.0897, 8.0033



0.4188, 0.2082, 0.3670

Previews

White Background



This preview shows how the XYZ color 25.6559, 18.4022, 25.1214 looks on a white background.

Color Contrast Check

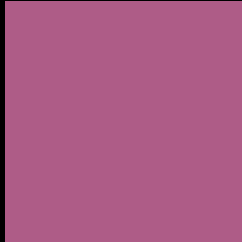
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6559, 18.4022, 25.1214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

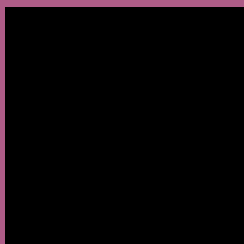
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6559, 18.4022, 25.1214

Background



This preview shows how black text looks on a background with the XYZ color 25.6559, 18.4022, 25.1214.



This preview shows how white text looks on a background with the XYZ color 25.6559, 18.4022,

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

25.6559, 18.4022, 25.1214

Protanopia

18.7837, 18.6363, 32.7441

Deuteranopia

18.9463, 18.5651, 24.0576



Tritanopia

23.7121, 18.4132, 15.6689

Trichromacy



Original Color

25.6559, 18.4022, 25.1214

Protanomaly

20.4885, 18.0809, 29.6042

Deuteranomaly

20.7502, 18.0210, 24.2145

Tritanomaly

24.3485, 18.3974, 18.7907

Monochromacy



Original Color

25.6559, 18.4022, 25.1214

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.1570, 18.2337, 22.1957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6559, 18.4022, 25.1214 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(174, 92, 135)` looks like.

```
.text, #text, p{  
    color:rgb(174, 92, 135)  
}
```

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(174, 92, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 92, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.6559, 18.4022, 25.1214 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(174, 92, 135) }
```


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

```
.border{ border-color:rgb(174, 92, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 92, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 92, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 92, 135);  
box-shadow:4px 4px 4px 4px rgb(174, 92,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6559, 18.4022, 25.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 92, 135) }
```

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

```
.background{ background-color: rgb(174, 92,  
135) }
```

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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