

Converting Colors

XYZ(25.3765, 19.4214, 27.0872)

Have a look what the booklet for
XYZ(25.3765, 19.4214, 27.0872)
contains.

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Color

**XYZ(25.3237, 19.4163,
27.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	A7658C
RGB	167, 101, 140
RGB Percent	65%, 40%, 55%
CMY	0.3451, 0.6039, 0.4510
CMYK	0.00, 0.40, 0.16, 0.35
HSL	325°, 27%, 53%
HSV	325°, 40%, 65%
XYZ	25.3237, 19.4163, 27.2240
YIQ	125.1800, 26.8170, 26.1210

Conversions

Conversions Part 2

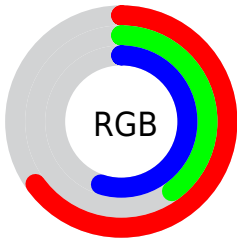
Format	Color
R_{YB}	167, 101, 140
Decimal	10970508
CIE _{Lab}	51.17, 32.21, -10.19
CIE _{LCh}	51, 33.779, 342.450
Yxy	19.4163, 0.3519, 0.2698
Android (android.graphics.Color)	4289160588 (0xFFA7658C)
YUV	125.1800, 7.3063, 36.6761
Hunter-Lab	44.0639, 25.4727, -5.7864

Details

The XYZ color **25.3237, 19.4163, 27.2240** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0827, 31.9633, 25.3765**, and the grayscale version is **19.5240, 20.5407, 22.3688**.

A 20% lighter version of the original color is **51.5603, 42.3655, 56.4988**, and **9.8835, 6.7049, 10.4461** is the 20% darker color. If you saturate the color by 10%, you get **23.3758, 16.3016, 24.1659**, and if you desaturate by 10%, it is **27.6335, 23.2042, 30.5575**.

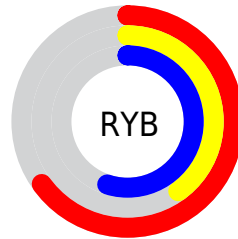
Distribution



Red (65%)

Green (40%)

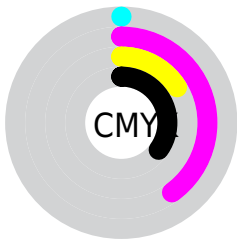
Blue (55%)



Red (65%)

Yellow (40%)

Blue (55%)

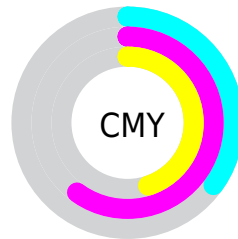


Cyan (0%)

Magenta (40%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (60%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3237, 19.4163, 27.2240 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 25.3237, 19.4163, 27.2240 by changing the saturation by 10% instead.


 25.3237, 19.4163,
27.2240


 25.3237, 19.4163,
27.2240

271.7642,
248.7374, 302.5345

 16.4484, 11.9715,
17.5076


 51.6210, 42.4364,
56.2512


 9.9349, 6.7243,
10.4313


 69.7737, 58.7804,
76.3991

 5.4177, 3.2903,
5.5765


 91.7496, 78.8596,
100.8612

 2.5316, 1.2851,
2.5247

 117.9140,
103.0584, 130.0561

 0.9112, 0.1296,
0.8532

148.6323,
131.7612, 164.4024

 0.0000, 0.0000,
0.0000

184.2699,

165.3524, 204.3185

225.1920,
204.2163, 250.2230

■ 25.3237, 19.4163,
27.2240

■ 25.3237, 19.4163,
27.2240

■ 23.3758, 16.3016,
24.1659

■ 27.6335, 23.2042,
30.5575

■ 21.7674, 13.8171,
21.3723

■ 30.3225, 27.6997,
34.1742

■ 20.4763, 11.9189,
18.8333

■ 33.4087, 32.9379,
38.0831

■ 19.4766, 10.5562,
16.5371

■ 36.9086, 38.9509,
42.2921

■ 18.7381, 9.6695,
14.4708

■ 40.8378, 45.7688,
46.8090

■ 18.1977, 9.1340,
12.6102

■ 45.2108, 53.4203,
51.6411

■ 18.1733, 9.1103,
12.5246

■ 50.0416, 61.9323,
56.7954

■ 55.3435, 71.3308,
62.2788

■ 61.1294, 81.6407,
68.0978

Harmonies

Analogous

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



23.1666, 19.4163, 37.9390



25.3237, 19.4163, 27.2240



25.5078, 19.4163, 17.3984

Triad

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



25.3237, 19.4163, 27.2240



17.0968, 19.4163, 7.7336



14.0871, 19.4163, 36.2461

Complementary

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



25.3237, 19.4163, 27.2240



23.0827, 31.9633, 25.3765

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.



12.8385, 19.4163, 25.3853



25.3237, 19.4163, 27.2240



14.4292, 19.4163, 10.2183

Square

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



25.3237, 19.4163, 27.2240



20.4716, 19.4163, 7.9536



12.9557, 19.4163, 16.0393



16.5747, 19.4163, 44.1386

Rectangle

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



25.3237, 19.4163, 27.2240



24.4595, 19.4163, 12.6876



12.9557, 19.4163, 16.0393



13.5229, 19.4163, 32.7014

Sweetspot

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



25.3243, 19.4172, 27.2244



58.2690, 56.3233, 66.2623



20.4417, 16.6412, 38.6943



12.8831, 12.3380, 14.6319



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.3243, 19.4172, 27.2244



42.4028, 30.0450, 44.1593



23.2763, 18.5980, 16.4400



7.7101, 7.6139, 8.7904



13.9310, 6.9811, 9.7143



0.3634, 0.1796, 0.3651

Inverse Universe

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



25.3243, 19.4172, 27.2244



42.4028, 30.0450, 44.1593



25.5665, 32.9568, 38.4558



7.7101, 7.6139, 8.7904



13.9310, 6.9811, 9.7143



0.3634, 0.1796, 0.3651

Previews

White Background



This preview shows how the XYZ color 25.3237, 19.4163, 27.2240 looks on a white background.

Color Contrast Check

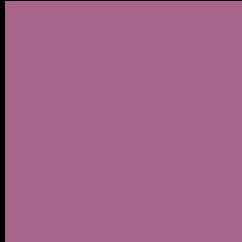
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3237, 19.4163, 27.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

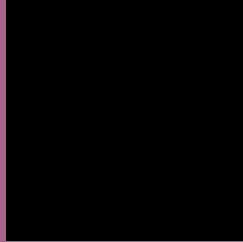
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3237, 19.4163, 27.2240

Background



This preview shows how black text looks on a background with the XYZ color 25.3237, 19.4163, 27.2240.



This preview shows how white text looks on a background with the XYZ color 25.3237, 19.4163,

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

25.3237, 19.4163, 27.2240

Protanopia

19.6095, 19.5852, 33.3186

Deuteranopia

19.8646, 19.5118, 26.3861



Tritanopia

23.5011, 19.4155, 18.4285

Trichromacy



Original Color

25.3237, 19.4163, 27.2240

Protanomaly

21.1150, 19.1911, 31.0251

Deuteranomaly

21.5369, 19.1741, 26.6106

Tritanomaly

24.0425, 19.3300, 21.2028

Monochromacy



Original Color

25.3237, 19.4163, 27.2240

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0899, 19.6779, 23.8058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3237, 19.4163, 27.2240 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(167, 101, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 101, 140)  
}
```

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(167, 101, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 101, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.3237, 19.4163, 27.2240 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(167, 101, 140) }
```


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

```
.border{ border-color:rgb(167, 101, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 101, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 101, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 101, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 101,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3237, 19.4163, 27.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 101, 140) }
```

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

```
.background{ background-color: rgb(167,  
101, 140) }
```

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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