

Converting Colors

XYZ(25.7267, 19.7668, 36.9799)

Have a look what the booklet for
XYZ(25.7267, 19.7668, 36.9799)
contains.

XYZ(25.7592, 19.7158, 37.0982)	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(25.7592, 19.7158,
37.0982)**

Conversions

Conversions Part 1

Format	Color
Hex	9F67A3
RGB	159, 103, 163
RGB Percent	62%, 40%, 64%
CMY	0.3765, 0.5961, 0.3608
CMYK	0.02, 0.37, 0.00, 0.36
HSL	296°, 25%, 52%
HSV	296°, 37%, 64%
XYZ	25.7592, 19.7158, 37.0982
YIQ	126.5840, 14.1160, 30.5320

Conversions

Conversions Part 2

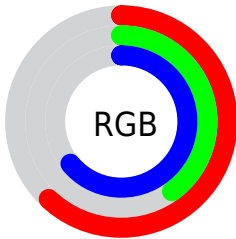
Format	Color
R_{YB}	159, 103, 163
Decimal	10446755
CIE _{Lab}	51.51, 32.56, -23.28
CIE _{LCh}	52, 40.029, 324.430
Yxy	19.7158, 0.3120, 0.2388
Android (android.graphics.Color)	4288636835 (0xFF9F67A3)
YUV	126.5840, 17.9531, 28.4288
Hunter-Lab	44.4025, 25.8488, -18.4550

Details

The XYZ color **25.7592, 19.7158, 37.0982** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.6095, 30.2999, 17.5425**, and the grayscale version is **19.9681, 21.0080, 22.8777**.

A 20% lighter version of the original color is **52.4006, 42.9517, 71.8584**, and **10.1323, 6.8502, 15.8271** is the 20% darker color. If you saturate the color by 10%, you get **24.0789, 16.6733, 36.5998**, and if you desaturate by 10%, it is **27.7587, 23.3931, 37.7029**.

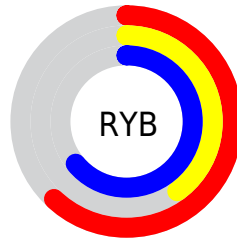
Distribution



Red (62%)

Green (40%)

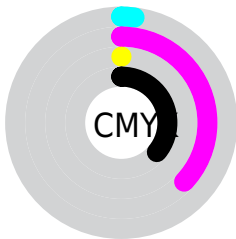
Blue (64%)



Red (62%)

Yellow (40%)

Blue (64%)

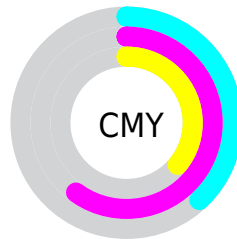


Cyan (2%)

Magenta (37%)

Yellow (0%)

Black (36%)



Cyan (38%)


Magenta (60%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7592, 19.7158, 37.0982 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 25.7592, 19.7158, 37.0982 by changing the saturation by 10% instead.


 25.7592, 19.7158,
37.0982


 25.7592, 19.7158,
37.0982

273.8764,
250.3724, 348.9170

 16.7753, 12.1886,
24.9871


 52.3203, 42.9402,
71.9118


 10.1687, 6.8723,
15.8485


 70.6282, 59.4062,
95.4514

 5.5741, 3.3823,
9.2639


 92.7749, 79.6206,
123.6377

 2.6261, 1.3345,
4.8145

 119.1256,
103.9678, 156.8891

 0.9593, 0.1676,
2.0820

150.0458,
132.8322, 195.6242

 0.0000, 0.0000,
0.6050

185.9007,

 0.0000, 0.0000,

166.5981, 240.2615

0.0000

227.0558,
205.6501, 291.2196

■ 25.7592, 19.7158,
37.0982

■ 25.7592, 19.7158,
37.0982

■ 24.0789, 16.6733,
36.5998

■ 27.7587, 23.3931,
37.7029

■ 22.6975, 14.2262,
36.2003

■ 30.0925, 27.7365,
38.4183

■ 21.5952, 12.3345,
35.8932

■ 32.7769, 32.7784,
39.2500

■ 20.7492, 10.9525,
35.6711

■ 35.8268, 38.5483,
40.2029

■ 20.1328, 10.0271,
35.5249

■ 39.2559, 45.0739,
41.2817

■ 19.7066, 9.4793,
35.4416

■ 43.0775, 52.3817,
42.4909

■ 19.5851, 9.3328,
35.4198

■ 47.3041, 60.4966,
43.8344

■ 51.9477, 69.4426,
45.3164

■ 57.0198, 79.2427,
46.9407

Harmonies

Analogous

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



22.1228, 19.7158, 48.6023



25.7592, 19.7158, 37.0982



27.5373, 19.7158, 23.6892

Triad

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



25.7592, 19.7158, 37.0982



19.4999, 19.7158, 6.1087



12.5437, 19.7158, 31.9909

Complementary

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



25.7592, 19.7158, 37.0982



21.6095, 30.2999, 17.5425

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.



12.0485, 19.7158, 19.3886



25.7592, 19.7158, 37.0982



15.7196, 19.7158, 6.9579

Square

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



25.7592, 19.7158, 37.0982



23.6069, 19.7158, 8.0222



13.1268, 19.7158, 10.9899



14.5914, 19.7158, 44.9895

Rectangle

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



25.7592, 19.7158, 37.0982



27.2700, 19.7158, 16.4078



13.1268, 19.7158, 10.9899



12.2037, 19.7158, 27.4724

Sweetspot

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



25.7598, 19.7167, 37.0986



56.5079, 54.5759, 69.6120



17.4629, 16.0443, 36.8271



12.5533, 11.9982, 15.5918



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.



25.7598, 19.7167, 37.0986



43.6789, 30.8586, 65.7103



24.4705, 19.2940, 26.1020



7.3175, 7.1780, 8.9029



15.2362, 7.2610, 27.5283



0.3331, 0.1592, 0.5790

Inverse Universe

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



22.6090, 18.5494, 16.2996



37.2755, 28.4995, 22.8487



22.6539, 30.6634, 25.4944



7.0920, 7.0933, 7.4711



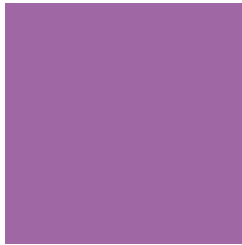
11.7919, 6.0728, 0.8289



0.2532, 0.1298, 0.0459

Previews

White Background



This preview shows how the XYZ color 25.7592, 19.7158, 37.0982 looks on a white background.

Color Contrast Check

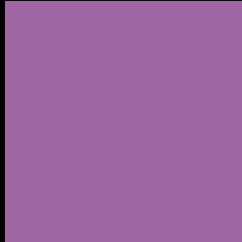
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7592, 19.7158, 37.0982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

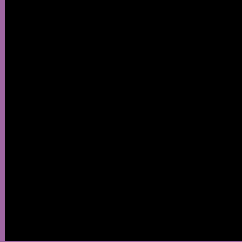
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7592, 19.7158, 37.0982

Background



This preview shows how black text looks on a background with the XYZ color 25.7592, 19.7158, 37.0982.



This preview shows how white text looks on a background with the XYZ color 25.7592, 19.7158,

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

25.7592, 19.7158, 37.0982

Protanopia

20.5989, 19.8523, 44.3412

Deuteranopia

20.3850, 19.9258, 36.0294



Tritanopia

22.3212, 19.7167, 20.3985

Trichromacy



Original Color

25.7592, 19.7158, 37.0982

Protanomaly

21.9212, 19.3732, 41.6137

Deuteranomaly

21.9661, 19.5134, 36.3269

Tritanomaly

23.4301, 19.6834, 25.8569

Monochromacy



Original Color

25.7592, 19.7158, 37.0982

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.8595, 20.3393, 27.5847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7592, 19.7158, 37.0982 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(159, 103, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 103, 163)  
}
```

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(159, 103, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 103, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.7592, 19.7158, 37.0982 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(159, 103, 163) }
```


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

```
.border{ border-color:rgb(159, 103, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 103, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 103, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 103, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 103,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7592, 19.7158, 37.0982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 103, 163) }
```

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

```
.background{ background-color: rgb(159,  
103, 163) }
```

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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