

Converting Colors

XYZ(25.0661, 19.6126, 37.5077)

Have a look what the booklet for
XYZ(25.0661, 19.6126, 37.5077)
contains.

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Color

**XYZ(25.0788, 19.6535,
37.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	9A69A4
RGB	154, 105, 164
RGB Percent	60%, 41%, 64%
CMY	0.3961, 0.5882, 0.3569
CMYK	0.06, 0.36, 0.00, 0.36
HSL	290°, 24%, 53%
HSV	290°, 36%, 64%
XYZ	25.0788, 19.6535, 37.5937
YIQ	126.3770, 10.2650, 28.7370

Conversions

Conversions Part 2

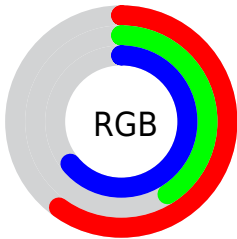
Format	Color
RYB	154, 105, 164
Decimal	10119588
CIELab	51.44, 29.99, -24.03
CIElCh	51, 38.429, 321.302
Yxy	19.6535, 0.3046, 0.2387
Android (android.graphics.Color)	4288309668 (0xFF9A69A4)
YUV	126.3770, 18.5481, 24.2254
Hunter-Lab	44.3323, 23.3961, -19.2452

Details

The XYZ color **25.0788, 19.6535, 37.5937** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8962, 31.2162, 18.1841**, and the grayscale version is **19.8964, 20.9326, 22.7956**.

A 20% lighter version of the original color is **51.1376, 42.7837, 72.5807**, and **9.8183, 6.8230, 16.1287** is the 20% darker color. If you saturate the color by 10%, you get **23.0440, 16.3598, 37.0655**, and if you desaturate by 10%, it is **27.4493, 23.5995, 38.2307**.

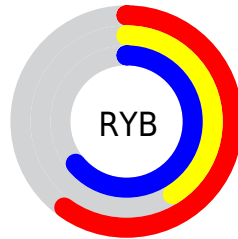
Distribution



Red (60%)

Green (41%)

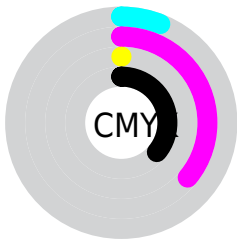
Blue (64%)



Red (60%)

Yellow (41%)

Blue (64%)

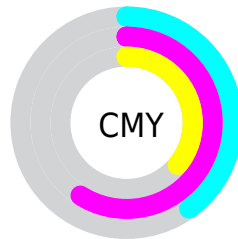


Cyan (6%)

Magenta (36%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (59%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0788, 19.6535, 37.5937 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 25.0788, 19.6535, 37.5937 by changing the saturation by 10% instead.

■ 25.0788, 19.6535,
37.5937

■ 25.0788, 19.6535,
37.5937

270.5705,
250.0331, 351.1196

■ 16.2648, 12.1434,
25.3681

■ 51.2270, 42.8355,
72.6815

■ 9.8038, 6.8414,
16.1300

■ 69.2919, 59.2762,
96.3807

■ 5.3303, 3.3631,
9.4609

■ 91.1712, 79.4625,
124.7416

■ 2.4791, 1.3241,
4.9421

■ 117.2302,
103.7790, 158.1827

■ 0.8847, 0.1598,
2.1552

147.8343,
132.6098, 197.1225

■ 0.0000, 0.0000,
0.6483

183.3488,

■ 0.0000, 0.0000,

166.3395, 241.9795

0.0000

224.1391,
205.3525, 293.1724

■ 25.0788, 19.6535,
37.5937

■ 25.0788, 19.6535,
37.5937

■ 23.0440, 16.3598,
37.0655

■ 27.4493, 23.5995,
38.2307

■ 21.3242, 13.6786,
36.6386

■ 30.1707, 28.2294,
38.9809

■ 19.8996, 11.5697,
36.3066

■ 33.2596, 33.5759,
39.8501

■ 18.7470, 9.9871,
36.0619

■ 36.7311, 39.6689,
40.8432

■ 17.8398, 8.8776,
35.8956

■ 40.5991, 46.5365,
41.9649

■ 17.1421, 8.1694,
35.7956

■ 44.8772, 54.2052,
43.2197

■ 16.8873, 7.9317,
35.7632

■ 49.5780, 62.7006,
44.6117

■ 54.7137, 72.0468,
46.1450

■ 60.2960, 82.2671,
47.8235

Harmonies

Analogous

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



21.5027, 19.6535, 47.8771



25.0788, 19.6535, 37.5937



27.0016, 19.6535, 24.7708

Triad

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



25.0788, 19.6535, 37.5937



19.8229, 19.6535, 6.5322



12.5932, 19.6535, 30.0693

Complementary

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



25.0788, 19.6535, 37.5937



22.8962, 31.2162, 18.1841

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.



12.2723, 19.6535, 18.3486



25.0788, 19.6535, 37.5937



16.1160, 19.6535, 7.0941

Square

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



25.0788, 19.6535, 37.5937



23.7051, 19.6535, 8.7446



13.4743, 19.6535, 10.6866



14.4206, 19.6535, 42.5958

Rectangle

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



25.0788, 19.6535, 37.5937



26.9269, 19.6535, 17.5048



13.4743, 19.6535, 10.6866



12.3166, 19.6535, 25.8325

Sweetspot

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



25.0794, 19.6543, 37.5941



57.3523, 55.7011, 71.4809



18.7516, 18.1331, 37.6340



12.3842, 11.9110, 15.5839



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.



25.0794, 19.6543, 37.5941



42.5784, 30.8933, 67.4712



25.4973, 20.0506, 29.4432



7.2460, 7.1412, 8.8995



12.9830, 6.0995, 27.4228



0.3021, 0.1433, 0.5776

Inverse Universe

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



23.4566, 19.2343, 18.6969



39.3272, 30.0949, 27.6692



22.7199, 31.0019, 23.7513



7.1205, 7.1047, 7.6209



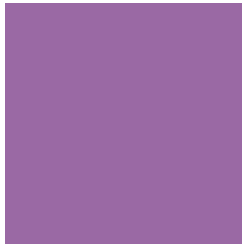
11.9104, 6.1202, 1.4528



0.2632, 0.1338, 0.0988

Previews

White Background



This preview shows how the XYZ color 25.0788, 19.6535, 37.5937 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 25.0788, 19.6535, 37.5937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

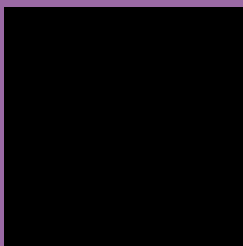
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0788, 19.6535, 37.5937

Background



This preview shows how black text looks on a background with the XYZ color 25.0788, 19.6535, 37.5937.



This preview shows how white text looks on a background with the XYZ color 25.0788, 19.6535,

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

25.0788, 19.6535, 37.5937

Protanopia

20.4995, 19.8126, 43.8181

Deuteranopia

20.2098, 19.8254, 36.4797



Tritanopia

21.7429, 19.7357, 21.0757

Trichromacy



Original Color

25.0788, 19.6535, 37.5937

Protanomaly

21.7455, 19.4510, 41.6380

Deuteranomaly

21.7056, 19.5372, 36.8095

Tritanomaly

22.7775, 19.6591, 26.2610

Monochromacy



Original Color

25.0788, 19.6535, 37.5937

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.3654, 20.0846, 27.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0788, 19.6535, 37.5937 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(154, 105, 164)` looks like.

```
.text, #text, p{  
    color:rgb(154, 105, 164)  
}
```

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(154, 105, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 105, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.0788, 19.6535, 37.5937 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(154, 105, 164) }
```


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

```
.border{ border-color:rgb(154, 105, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 105, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 105, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 105, 164);  
box-shadow:4px 4px 4px 4px rgb(154, 105,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0788, 19.6535, 37.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 105, 164) }
```

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

```
.background{ background-color: rgb(154,  
105, 164) }
```

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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