

Converting Colors

XYZ(25.7733, 25.1989, 37.2237)

Have a look what the booklet for
XYZ(25.7733, 25.1989, 37.2237)
contains.

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Color

**XYZ(25.7733, 25.1989,
37.2237)**

Conversions

Conversions Part 1

Format	Color
Hex	8C86A1
RGB	140, 134, 161
RGB Percent	55%, 53%, 63%
CMY	0.4510, 0.4745, 0.3686
CMYK	0.13, 0.17, 0.00, 0.37
HSL	253°, 13%, 58%
HSV	253°, 17%, 63%
XYZ	25.7733, 25.1989, 37.2237
YIQ	138.8720, -5.0910, 9.6690

Conversions

Conversions Part 2

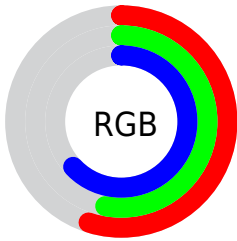
Format	Color
R_{YB}	140, 134, 161
Decimal	9209505
CIE Lab	57.27, 7.82, -13.52
CIE LCh	57, 15.617, 300.030
Yxy	25.1989, 0.2922, 0.2857
Android (android.graphics.Color)	4287399585 (0xFF8C86A1)
YUV	138.8720, 10.9091, 0.9893
Hunter-Lab	50.1985, 3.7994, -8.8264

Details

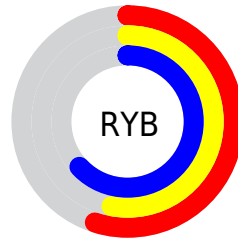
The XYZ color **25.7733, 25.1989, 37.2237** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.5666, 34.1803, 27.5420**, and the grayscale version is **24.4528, 25.7263, 28.0159**.

A 20% lighter version of the original color is **52.4131, 51.9678, 72.2341**, and **10.1471, 9.6184, 15.7897** is the 20% darker color. If you saturate the color by 10%, you get **21.7239, 20.0562, 36.4449**, and if you desaturate by 10%, it is **30.4033, 31.1451, 38.1278**.

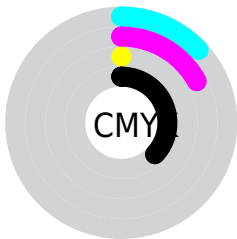
Distribution



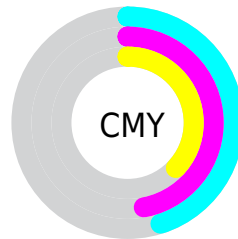
- Red (55%)
- Green (53%)
- Blue (63%)



- Red (55%)
- Yellow (53%)
- Blue (63%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (45%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7733, 25.1989, 37.2237 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 25.7733, 25.1989, 37.2237 by changing the saturation by 10% instead.

■ 25.7733, 25.1989,
37.2237

■ 25.7733, 25.1989,
37.2237

273.9446,
278.8270, 349.4758

■ 16.7859, 16.2253,
25.0836

■ 52.3429, 51.9797,
72.1069

■ 10.1763, 9.6837,
15.9198

■ 70.6558, 70.5557,
95.6870

■ 5.5792, 5.1898,
9.3137

■ 92.8080, 93.1013,
123.9176

■ 2.6291, 2.3590,
4.8467

119.1647,
120.0009, 157.2171

■ 0.9608, 0.8047,
2.1005

150.0914,
151.6389, 196.0042

■ 0.0000, 0.0000,
0.6160

185.9534,

■ 0.0000, 0.0000,

188.3996, 240.6973

0.0000

227.1160,
230.6675, 291.7150

■ 25.7733, 25.1989,
37.2237

■ 25.7733, 25.1989,
37.2237

■ 21.7239, 20.0562,
36.4449

■ 30.4033, 31.1451,
38.1278

■ 18.2294, 15.6791,
35.7842

■ 35.6334, 37.9243,
39.1607

■ 15.2657, 12.0315,
35.2364

■ 41.4852, 45.5681,
40.3276

■ 12.8059, 9.0731,
34.7950

■ 47.9785, 54.1057,
41.6333

■ 10.8209, 6.7593,
34.4530

■ 55.1322, 63.5649,
43.0821

■ 9.2780, 5.0406,
34.2026

■ 62.9643, 73.9722,
44.6781

■ 8.1404, 3.8598,
34.0346

■ 71.4923, 85.3533,
46.4254

■ 7.3574, 3.1336,
33.9357

■ 78.1924, 92.6516,
47.4810

■ 7.1525, 2.9441,
33.9099

■ 82.5964, 94.9219,
47.6871

Harmonies

Analogous

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



23.9526, 25.1989, 38.9229



25.7733, 25.1989, 37.2237



27.1625, 25.1989, 32.8410

Triad

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



25.7733, 25.1989, 37.2237



25.7700, 25.1989, 19.5326



20.5705, 25.1989, 27.4426

Complementary

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



25.7733, 25.1989, 37.2237



30.5666, 34.1803, 27.5420

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.



21.0028, 25.1989, 22.6615



25.7733, 25.1989, 37.2237



23.9490, 25.1989, 18.4677

Square

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



25.7733, 25.1989, 37.2237



27.1605, 25.1989, 22.6534



22.2163, 25.1989, 19.5368



21.0045, 25.1989, 32.8513

Rectangle

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



25.7733, 25.1989, 37.2237



27.6234, 25.1989, 29.2371



22.2163, 25.1989, 19.5368



20.6190, 25.1989, 25.7130

Sweetspot

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



25.7741, 25.2000, 37.2243



55.9415, 57.7051, 68.5763



28.0118, 31.1350, 38.2519



12.1395, 12.4886, 15.0144



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.7741, 25.2000, 37.2243



43.4248, 41.6453, 66.1361



28.1620, 26.4310, 37.3360



6.8408, 6.9323, 8.8806



5.7426, 2.3669, 27.0840



0.1576, 0.0688, 0.5708

Inverse Universe

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



29.1404, 26.9950, 34.6866



50.5960, 45.4713, 60.6372



28.1442, 32.9315, 27.4286



7.2967, 7.1751, 8.5486



14.7229, 7.2452, 16.2632



0.3251, 0.1586, 0.4248

Previews

White Background



This preview shows how the XYZ color 25.7733, 25.1989, 37.2237 looks on a white background.

Color Contrast Check

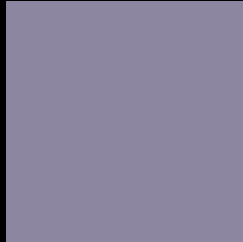
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7733, 25.1989, 37.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

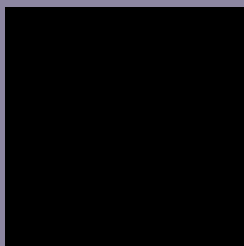
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7733, 25.1989, 37.2237

Background



This preview shows how black text looks on a background with the XYZ color 25.7733, 25.1989, 37.2237.



This preview shows how white text looks on a background with the XYZ color 25.7733, 25.1989,

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

25.7733, 25.1989, 37.2237

Protanopia

24.9307, 25.1582, 38.1924

Deuteranopia

25.6056, 25.1124, 37.2158



Tritanopia

24.5519, 25.1182, 31.1580

Trichromacy



Original Color

25.7733, 25.1989, 37.2237

Protanomaly

25.1772, 25.0875, 37.6978

Deuteranomaly

25.6056, 25.1124, 37.2158

Tritanomaly

24.9789, 25.0839, 33.2309

Monochromacy



Original Color

25.7733, 25.1989, 37.2237

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8596, 25.4869, 31.2130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7733, 25.1989, 37.2237 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(140, 134, 161)` looks like.

```
.text, #text, p{  
    color:rgb(140, 134, 161)  
}
```

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(140, 134, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 134, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.7733, 25.1989, 37.2237 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(140, 134, 161) }
```


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

```
.border{ border-color:rgb(140, 134, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 134, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 134, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 134, 161);  
box-shadow:4px 4px 4px 4px rgb(140, 134,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7733, 25.1989, 37.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 134, 161) }
```

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

```
.background{ background-color: rgb(140,  
134, 161) }
```

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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