

Converting Colors

XYZ(25.1371, 24.6666, 37.1545)

Have a look what the booklet for
XYZ(25.1371, 24.6666, 37.1545)
contains.

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Color

**XYZ(25.1371, 24.6666,
37.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	8985A1
RGB	137, 133, 161
RGB Percent	54%, 52%, 63%
CMY	0.4627, 0.4784, 0.3686
CMYK	0.15, 0.17, 0.00, 0.37
HSL	249°, 13%, 58%
HSV	249°, 17%, 63%
XYZ	25.1371, 24.6666, 37.1545
YIQ	137.3880, -6.6040, 9.5560

Conversions

Conversions Part 2

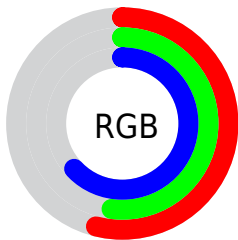
Format	Color
R_{YB}	137, 133, 161
Decimal	9012641
CIE _{Lab}	56.75, 7.37, -14.33
CIE _{LCh}	57, 16.114, 297.217
Yxy	24.6666, 0.2891, 0.2837
Android (android.graphics.Color)	4287202721 (0xFF8985A1)
YUV	137.3880, 11.6407, -0.3403
Hunter-Lab	49.6655, 3.4293, -9.5887

Details

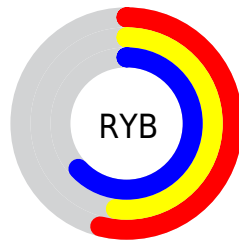
The XYZ color **25.1371, 24.6666, 37.1545** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.8839, 34.3519, 27.1942**, and the grayscale version is **23.8844, 25.1282, 27.3646**.

A 20% lighter version of the original color is **51.4394, 51.1520, 72.1279**, and **9.8611, 9.4710, 15.7763** is the 20% darker color. If you saturate the color by 10%, you get **20.9803, 19.4990, 36.3765**, and if you desaturate by 10%, it is **29.9227, 30.6612, 38.0597**.

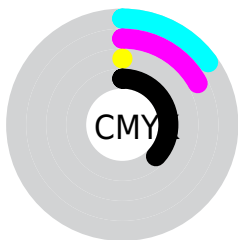
Distribution



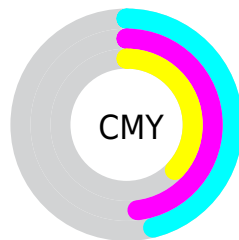
- Red (54%)
- Green (52%)
- Blue (63%)



- Red (54%)
- Yellow (52%)
- Blue (63%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (46%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1371, 24.6666, 37.1545 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 25.1371, 24.6666, 37.1545 by changing the saturation by 10% instead.

■ 25.1371, 24.6666,
37.1545

■ 25.1371, 24.6666,
37.1545

270.8551,
276.1735, 349.1678

■ 16.3085, 15.8288,
25.0304

■ 51.3208, 51.1158,
71.9993

■ 9.8350, 9.4031,
15.8805

■ 69.4067, 69.4961,
95.5571

■ 5.3511, 5.0050,
9.2862

■ 91.3090, 91.8260,
123.7633

■ 2.4916, 2.2502,
4.8290

117.3932,
118.4899, 157.0363

■ 0.8910, 0.7472,
2.0903

148.0245,
149.8722, 195.7947

■ 0.0000, 0.0000,
0.6100

183.5684,

■ 0.0000, 0.0000,

186.3573, 240.4570

0.0000

224.3901,
228.3296, 291.4419

■ 25.1371, 24.6666,
37.1545

■ 25.1371, 24.6666,
37.1545

■ 20.9803, 19.4990,
36.3765

■ 29.9227, 30.6612,
38.0597

■ 17.4237, 15.1190,
35.7186

■ 35.3595, 37.5137,
39.0958

■ 14.4401, 11.4887,
35.1751

■ 41.4715, 45.2572,
40.2684

■ 11.9991, 8.5656,
34.7395

■ 48.2810, 53.9223,
41.5820

■ 10.0675, 6.3032,
34.4047

■ 55.8090, 63.5378,
43.0412

■ 8.6082, 4.6493,
34.1623

■ 64.0759, 74.1317,
44.6503

■ 7.5792, 3.5434,
34.0031

■ 73.1011, 85.7303,
46.4134

■ 6.9201, 2.8920,
33.9121

■ 80.6943, 93.9413,
47.5981

■ 6.7863, 2.7553,
33.8928

■ 83.4331, 95.3532,
47.7263

Harmonies

Analogous

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



23.2698, 24.6666, 38.5801



25.1371, 24.6666, 37.1545



26.6167, 24.6666, 32.8613

Triad

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



25.1371, 24.6666, 37.1545



25.4568, 24.6666, 19.0613



20.0169, 24.6666, 26.3583

Complementary

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



25.1371, 24.6666, 37.1545



30.8839, 34.3519, 27.1942

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.



20.5356, 24.6666, 21.6339



25.1371, 24.6666, 37.1545



23.6208, 24.6666, 17.7887

Square

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



25.1371, 24.6666, 37.1545



26.8081, 24.6666, 22.3962



21.8303, 24.6666, 18.6642



20.3754, 24.6666, 31.8757

Rectangle

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



25.1371, 24.6666, 37.1545



27.1492, 24.6666, 29.2137



21.8303, 24.6666, 18.6642



20.0938, 24.6666, 24.6320

Sweetspot

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



25.1379, 24.6676, 37.1551



55.7192, 57.5905, 68.5659



28.2088, 31.7647, 38.3631



12.0849, 12.4604, 15.0118



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.



25.1379, 24.6676, 37.1551



41.9054, 40.2967, 65.9559



27.5344, 25.9031, 37.2672



6.7903, 6.9062, 8.8782



5.4421, 2.2120, 27.0699



0.1399, 0.0596, 0.5700

Inverse Universe

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



29.1720, 26.7874, 35.5321



50.5711, 44.8520, 62.3846



28.3532, 33.0473, 27.0758



7.3206, 7.1847, 8.6748



15.4144, 7.5218, 19.9044



0.3350, 0.1625, 0.4770

Previews

White Background



This preview shows how the XYZ color 25.1371, 24.6666, 37.1545 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 25.1371, 24.6666, 37.1545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

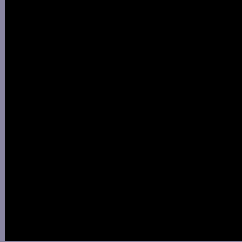
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1371, 24.6666, 37.1545

Background



This preview shows how black text looks on a background with the XYZ color 25.1371, 24.6666, 37.1545.



This preview shows how white text looks on a background with the XYZ color 25.1371, 24.6666,

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

25.1371, 24.6666, 37.1545

Protanopia

24.3915, 24.6824, 37.6610

Deuteranopia

25.1371, 24.6666, 37.1545



Tritanopia

23.8240, 24.7520, 30.7161

Trichromacy



Original Color

25.1371, 24.6666, 37.1545

Protanomaly

24.7196, 24.6454, 37.6366

Deuteranomaly

25.1371, 24.6666, 37.1545

Tritanomaly

24.2416, 24.7132, 32.7706

Monochromacy



Original Color

25.1371, 24.6666, 37.1545

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3090, 25.0020, 30.7388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1371, 24.6666, 37.1545 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(137, 133, 161)` looks like.

```
.text, #text, p{  
    color:rgb(137, 133, 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(137, 133, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 133, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.1371, 24.6666, 37.1545 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(137, 133, 161) }
```


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

```
.border{ border-color:rgb(137, 133, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 133, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(137, 133,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1371, 24.6666, 37.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 133, 161) }
```

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

```
.background{ background-color: rgb(137,  
133, 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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