

Converting Colors

XYZ(25.3111, 24.2052, 34.7905)

Have a look what the booklet for
XYZ(25.3111, 24.2052, 34.7905)
contains.

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Color

**XYZ(25.3111, 24.2052,
34.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	8F829C
RGB	143, 130, 156
RGB Percent	56%, 51%, 61%
CMY	0.4392, 0.4902, 0.3882
CMYK	0.08, 0.17, 0.00, 0.39
HSL	270°, 12%, 56%
HSV	270°, 17%, 61%
XYZ	25.3111, 24.2052, 34.7905
YIQ	136.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

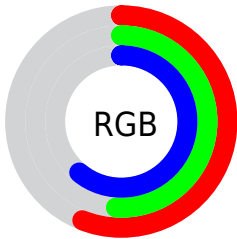
Format	Color
R_{YB}	143, 130, 156
Decimal	9405084
CIE _{Lab}	56.29, 10.08, -12.09
CIE _{LCh}	56, 15.736, 309.815
Yxy	24.2052, 0.3002, 0.2871
Android (android.graphics.Color)	4287595164 (0xFF8F829C)
YUV	136.8510, 9.4405, 5.3927
Hunter-Lab	49.1988, 5.7343, -7.4873

Details

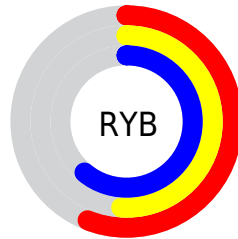
The XYZ color **25.3111, 24.2052, 34.7905** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **27.2462, 31.2289, 25.7120**, and the grayscale version is **23.6879, 24.9215, 27.1395**.

A 20% lighter version of the original color is **51.7173, 50.4404, 68.6382**, and **10.0064, 9.2319, 14.6191** is the 20% darker color. If you saturate the color by 10%, you get **22.0878, 19.6937, 34.0900**, and if you desaturate by 10%, it is **28.9444, 29.3964, 35.6014**.

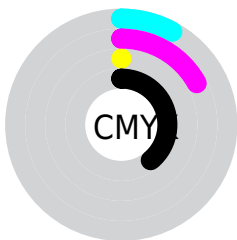
Distribution



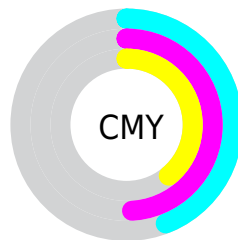
- Red (56%)
- Green (51%)
- Blue (61%)



- Red (56%)
- Yellow (51%)
- Blue (61%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3111, 24.2052, 34.7905 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 25.3111, 24.2052, 34.7905 by changing the saturation by 10% instead.

■ 25.3111, 24.2052,
34.7905

■ 25.3111, 24.2052,
34.7905

271.7029,
273.8563, 338.5188

■ 16.4390, 15.4859,
23.2193

■ 51.6007, 50.3648,
68.3090

■ 9.9281, 9.1611,
14.5487

■ 69.7489, 68.5740,
91.0933

■ 5.4132, 4.8464,
8.3602

■ 91.7199, 90.7152,
118.4524

■ 2.5289, 2.1574,
4.2352

117.8789,
117.1729, 150.8049

■ 0.9099, 0.6966,
1.7552

148.5913,
148.3315, 188.5692

■ 0.0000, 0.0000,
0.3982

184.2226,

■ 0.0000, 0.0000,

184.5753, 232.1639

0.0000

225.1380,
226.2887, 282.0076

■ 25.3111, 24.2052,
34.7905

■ 25.3111, 24.2052,
34.7905

■ 22.0878, 19.6937,
34.0900

■ 28.9444, 29.3964,
35.6014

■ 19.2562, 15.8296,
33.4933

■ 33.0006, 35.2915,
36.5255

■ 16.8001, 12.5825,
32.9960

■ 37.4946, 41.9176,
37.5676

■ 14.7007, 9.9184,
32.5925

■ 42.4400, 49.2991,
38.7317

■ 12.9378, 7.7996,
32.2764

■ 47.8497, 57.4593,
40.0216

■ 11.4888, 6.1842,
32.0410

■ 53.7362, 66.4207,
41.4411

■ 10.3278, 5.0237,
31.8782

■ 60.1114, 76.2047,
42.9936

■ 9.4164, 4.2449,
31.7759

■ 66.9868, 86.8319,
44.6825

■ 9.1425, 4.0199,
31.7469

■ 69.2607, 88.0971,
44.8068

Harmonies

Analogous

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



23.6056, 24.2052, 37.4660



25.3111, 24.2052, 34.7905



26.4353, 24.2052, 29.9520

Triad

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



25.3111, 24.2052, 34.7905



24.2301, 24.2052, 18.0525



19.7399, 24.2052, 28.0939

Complementary

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



25.3111, 24.2052, 34.7905



27.2462, 31.2289, 25.7120

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.



19.8875, 24.2052, 23.0588



25.3111, 24.2052, 34.7905



22.4172, 24.2052, 17.6921

Square

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



25.3111, 24.2052, 34.7905



25.7888, 24.2052, 20.4663



20.8459, 24.2052, 19.4073



20.4315, 24.2052, 33.2778

Rectangle

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



25.3111, 24.2052, 34.7905



26.6708, 24.2052, 26.3876



20.8459, 24.2052, 19.4073



19.6939, 24.2052, 26.3232

Sweetspot

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



25.3118, 24.2062, 34.7910



53.6730, 54.9827, 64.9106



25.0952, 26.9223, 35.3267



11.7092, 11.9524, 14.2603



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.3118, 24.2062, 34.7910



43.7031, 40.7660, 62.6920



27.6106, 25.3913, 34.8986



6.5848, 6.5900, 8.3316



7.5706, 3.3318, 26.1513



0.1841, 0.0847, 0.4699

Inverse Universe

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



26.6516, 25.0174, 29.4117



46.6445, 42.5468, 50.8822



25.1911, 30.1694, 25.6158



6.7644, 6.6987, 7.6106



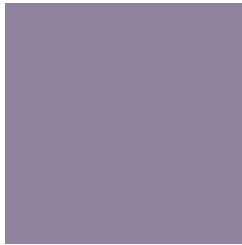
12.4434, 6.2819, 6.5859



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 25.3111, 24.2052, 34.7905 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 25.3111, 24.2052, 34.7905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

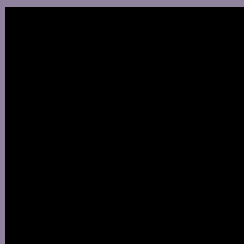
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3111, 24.2052, 34.7905

Background



This preview shows how black text looks on a background with the XYZ color 25.3111, 24.2052, 34.7905.



This preview shows how white text looks on a background with the XYZ color 25.3111, 24.2052,

34.7905.

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

25.3111, 24.2052, 34.7905

Protanopia

23.9890, 24.2992, 36.2267

Deuteranopia

24.7332, 24.3061, 34.8405



Tritanopia

24.1937, 24.1484, 29.3726

Trichromacy



Original Color

25.3111, 24.2052, 34.7905

Protanomaly

24.5508, 24.3946, 35.7624

Deuteranomaly

24.9323, 24.2083, 34.8111

Tritanomaly

24.6169, 24.1215, 31.3754

Monochromacy



Original Color

25.3111, 24.2052, 34.7905

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2066, 24.5528, 29.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3111, 24.2052, 34.7905 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(143, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(143, 130, 156)  
}
```

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(143, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 130, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.3111, 24.2052, 34.7905 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(143, 130, 156) }
```


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

```
.border{ border-color:rgb(143, 130, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 130, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 130, 156);  
box-shadow:4px 4px 4px 4px rgb(143, 130,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3111, 24.2052, 34.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 130, 156) }
```

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

```
.background{ background-color: rgb(143,  
130, 156) }
```

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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