

Converting Colors

XYZ(25.9113, 25.3811, 41.5636)

Have a look what the booklet for
XYZ(25.9113, 25.3811, 41.5636)
contains.

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Color

**XYZ(25.9113, 25.3811,
41.5636)**

Conversions

Conversions Part 1

Format	Color
Hex	8787AA
RGB	135, 135, 170
RGB Percent	53%, 53%, 67%
CMY	0.4706, 0.4706, 0.3333
CMYK	0.21, 0.21, 0.00, 0.33
HSL	240°, 17%, 60%
HSV	240°, 21%, 67%
XYZ	25.9113, 25.3811, 41.5636
YIQ	138.9900, -11.2350, 10.8850

Conversions

Conversions Part 2

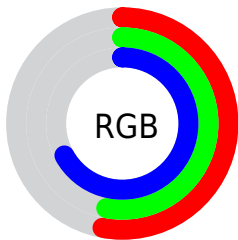
Format	Color
R_{YB}	135, 135, 170
Decimal	8882090
CIE Lab	57.44, 7.63, -18.45
CIE LCh	57, 19.969, 292.471
Yxy	25.3811, 0.2790, 0.2733
Android (android.graphics.Color)	4287072170 (0xFF8787AA)
YUV	138.9900, 15.2879, -3.4992
Hunter-Lab	50.3797, 3.6418, -13.6489

Details

The XYZ color **25.9113, 25.3811, 41.5636** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.3257, 39.0447, 28.5968**, and the grayscale version is **24.4835, 25.7585, 28.0511**.

A 20% lighter version of the original color is **52.5601, 52.2215, 78.5437**, and **10.2648, 9.7363, 18.4778** is the 20% darker color. If you saturate the color by 10%, you get **21.2061, 19.7117, 40.7177**, and if you desaturate by 10%, it is **31.4336, 32.0351, 42.5573**.

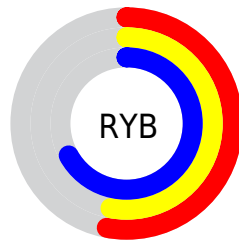
Distribution



Red (53%)

Green (53%)

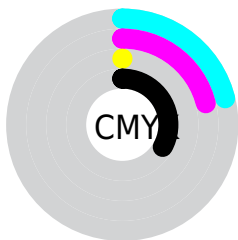
Blue (67%)



Red (53%)

Yellow (53%)

Blue (67%)

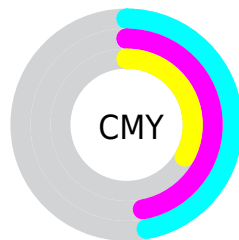


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9113, 25.3811, 41.5636 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 25.9113, 25.3811, 41.5636 by changing the saturation by 10% instead.

■ 25.9113, 25.3811,
41.5636

■ 25.9113, 25.3811,
41.5636

274.6111,
279.7306, 368.4168

■ 16.8896, 16.3612,
28.4367

■ 52.5641, 52.2748,
78.8017

■ 10.2506, 9.7801,
18.4132

■ 70.9260, 70.9174,
103.7499

■ 5.6290, 5.2534,
11.0746

■ 93.1320, 93.5364,
133.4757

■ 2.6593, 2.3967,
6.0022

119.5475,
120.5161, 168.3976

■ 0.9763, 0.8242,
2.7776

150.5377,
152.2410, 208.9342

■ 0.0000, 0.0000,
0.9822

186.4682,

■ 0.0000, 0.0000,

189.0955, 255.5038

0.0000

227.7042,
231.4638, 308.5252

■ 25.9113, 25.3811,
41.5636

■ 25.9113, 25.3811,
41.5636

■ 21.2061, 19.7117,
40.7177

■ 31.4336, 32.0351,
42.5573

■ 17.2769, 14.9773,
40.0110

■ 37.8066, 39.7141,
43.7036

■ 14.0828, 11.1286,
39.4364

■ 45.0651, 48.4599,
45.0092

■ 11.5781, 8.1106,
38.9859

■ 53.2410, 58.3112,
46.4797

■ 9.7121, 5.8622,
38.6503

■ 62.3648, 69.3046,
48.1208

■ 8.4271, 4.3138,
38.4191

■ 72.4655, 81.4751,
49.9376

■ 7.6549, 3.3833,
38.2802

■ 83.5710, 94.8563,
51.9351

■ 7.2559, 2.9025,
38.2085

■ 84.2558, 95.6823,
52.0584

Harmonies

Analogous

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



23.5307, 25.3811, 42.7295



25.9113, 25.3811, 41.5636



27.9285, 25.3811, 36.3897

Triad

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



25.9113, 25.3811, 41.5636



27.0132, 25.3811, 18.5097



19.8752, 25.3811, 25.9578

Complementary

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



25.9113, 25.3811, 41.5636



35.3257, 39.0447, 28.5968

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.



20.6816, 25.3811, 20.4119



25.9113, 25.3811, 41.5636



24.7271, 25.3811, 16.5948

Square

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



25.9113, 25.3811, 41.5636



28.5933, 25.3811, 22.9336



22.4208, 25.3811, 17.2291



20.1465, 25.3811, 32.9403

Rectangle

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



25.9113, 25.3811, 41.5636



28.7443, 25.3811, 31.7635



22.4208, 25.3811, 17.2291



20.0273, 25.3811, 23.8819

Sweetspot

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



25.9121, 25.3821, 41.5642



62.0166, 64.1294, 78.1115



31.5675, 36.7811, 43.1776



13.6702, 14.1086, 17.3904



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.9121, 25.3821, 41.5642



42.6792, 40.8292, 74.6333



28.8535, 26.8982, 41.7018



7.1318, 7.3006, 9.4516



5.3374, 2.1351, 28.1063



0.1299, 0.0520, 0.6838

Inverse Universe

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



29.6153, 27.6239, 26.6938



50.7038, 45.6870, 42.4103



31.9010, 37.2796, 28.4366



7.5311, 7.5423, 7.8482



12.1947, 6.2866, 0.5709



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 25.9113, 25.3811, 41.5636 looks on a white background.

Color Contrast Check

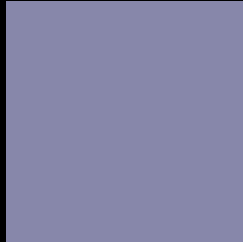
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9113, 25.3811, 41.5636 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 25.9113, 25.3811, 41.5636

Background



This preview shows how black text looks on a background with the XYZ color 25.9113, 25.3811, 41.5636.



This preview shows how white text looks on a background with the XYZ color 25.9113, 25.3811,

41.5636.

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

25.9113, 25.3811, 41.5636

Protanopia

25.3608, 25.2944, 42.0737

Deuteranopia

25.9113, 25.3811, 41.5636



Tritanopia

24.0977, 25.4925, 32.5046

Trichromacy



Original Color

25.9113, 25.3811, 41.5636

Protanomaly

25.6706, 25.4541, 42.0882

Deuteranomaly

25.9113, 25.3811, 41.5636

Tritanomaly

24.6900, 25.5168, 35.5222

Monochromacy



Original Color

25.9113, 25.3811, 41.5636

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.0747, 25.7822, 32.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9113, 25.3811, 41.5636 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(135, 135, 170)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 170)  
}
```

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(135, 135, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.9113, 25.3811, 41.5636 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(135, 135, 170) }
```


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

```
.border{ border-color:rgb(135, 135, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 135, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 135, 170);  
box-shadow:4px 4px 4px 4px rgb(135, 135,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9113, 25.3811, 41.5636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 170) }
```

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

```
.background{ background-color: rgb(135,  
135, 170) }
```

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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