

Converting Colors

XYZ(25.9056, 25.5758, 40.1910)

Have a look what the booklet for
XYZ(25.9056, 25.5758, 40.1910)
contains.

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Color

**XYZ(25.9326, 25.6326,
40.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	8888A7
RGB	136, 136, 167
RGB Percent	53%, 53%, 65%
CMY	0.4667, 0.4667, 0.3451
CMYK	0.19, 0.19, 0.00, 0.35
HSL	240°, 15%, 59%
HSV	240°, 19%, 65%
XYZ	25.9326, 25.6326, 40.1400
YIQ	139.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

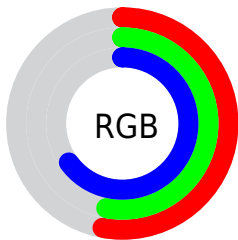
Format	Color
R_{YB}	136, 136, 167
Decimal	8947879
CIE _{Lab}	57.69, 6.68, -16.36
CIE _{LCh}	58, 17.672, 292.208
Yxy	25.6326, 0.2828, 0.2795
Android (android.graphics.Color)	4287137959 (0xFF8888A7)
YUV	139.5340, 13.5407, -3.0993
Hunter-Lab	50.6286, 2.8297, -11.5669

Details

The XYZ color **25.9326, 25.6326, 40.1400** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.1993, 37.6306, 28.7543**, and the grayscale version is **24.6994, 25.9856, 28.2984**.

A 20% lighter version of the original color is **52.6176, 52.6163, 76.4899**, and **10.2601, 9.8718, 17.5843** is the 20% darker color. If you saturate the color by 10%, you get **21.2574, 19.9994, 39.2995**, and if you desaturate by 10%, it is **31.3985, 32.2186, 41.1236**.

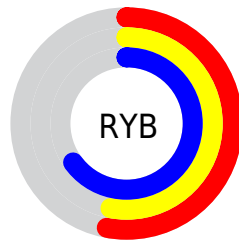
Distribution



Red (53%)

Green (53%)

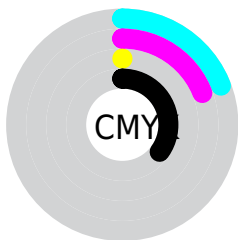
Blue (65%)



Red (53%)

Yellow (53%)

Blue (65%)

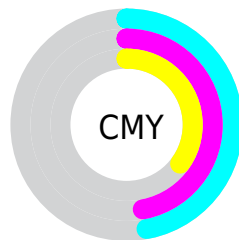


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9326, 25.6326, 40.1400 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 25.9326, 25.6326, 40.1400 by changing the saturation by 10% instead.

■ 25.9326, 25.6326,
40.1400

■ 25.9326, 25.6326,
40.1400

274.7138,
280.9738, 362.2829

■ 16.9056, 16.5490,
27.3331

■ 52.5983, 52.6816,
76.6161

■ 10.2621, 9.9135,
17.5889

■ 70.9677, 71.4159,
101.1223

■ 5.6367, 5.3416,
10.4889

■ 93.1820, 94.1357,
130.3654

■ 2.6640, 2.4491,
5.6145

119.6065,
121.2257, 164.7640

■ 0.9787, 0.8510,
2.5471

150.6066,
153.0701, 204.7364

■ 0.0000, 0.0000,
0.8650

186.5476,

■ 0.0000, 0.0000,

190.0533, 250.7014

0.0000

227.7949,
232.5598, 303.0774

■ 25.9326, 25.6326,
40.1400

■ 25.9326, 25.6326,
40.1400

■ 21.2574, 19.9994,
39.2995

■ 31.3985, 32.2186,
41.1236

■ 17.3340, 15.2720,
38.5938

■ 37.6867, 39.7954,
42.2546

■ 14.1240, 11.4042,
38.0164

■ 44.8300, 48.4027,
43.5395

■ 11.5845, 8.3442,
37.5596

■ 52.8590, 58.0769,
44.9836

■ 9.6679, 6.0348,
37.2149

■ 61.8023, 68.8529,
46.5922

■ 8.3208, 4.4116,
36.9726

■ 71.6877, 80.7639,
48.3703

■ 7.4803, 3.3989,
36.8214

■ 82.5414, 93.8418,
50.3225

■ 7.0313, 2.8578,
36.7406

■ 83.9751, 95.5701,
50.5805

■ 6.9752, 2.7902,
36.7305

Harmonies

Analogous

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



23.8158, 25.6326, 41.1115



25.9326, 25.6326, 40.1400



27.7199, 25.6326, 35.6720

Triad

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



25.9326, 25.6326, 40.1400



26.9409, 25.6326, 19.6807



20.5520, 25.6326, 26.3602

Complementary

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



25.9326, 25.6326, 40.1400



34.1993, 37.6306, 28.7543

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.



21.2887, 25.6326, 21.3638



25.9326, 25.6326, 40.1400



24.9185, 25.6326, 17.8879

Square

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



25.9326, 25.6326, 40.1400



28.3252, 25.6326, 23.7350



22.8581, 25.6326, 18.4561



20.7887, 25.6326, 32.5470

Rectangle

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



25.9326, 25.6326, 40.1400



28.4438, 25.6326, 31.6216



22.8581, 25.6326, 18.4561



20.6925, 25.6326, 24.5000

Sweetspot

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



25.9334, 25.6337, 40.1406



58.8563, 60.8629, 74.1209



30.9000, 35.6431, 41.5609



13.0209, 13.4392, 16.5599



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.9334, 25.6337, 40.1406



43.0684, 41.8397, 71.2812



28.5393, 26.9768, 40.2625



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.



29.1851, 27.6021, 27.0832



49.9088, 45.9806, 43.8136



31.2152, 36.0925, 28.6147



7.5311, 7.5423, 7.8482



12.1947, 6.2866, 0.5708



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 25.9326, 25.6326, 40.1400 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 25.9326, 25.6326, 40.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

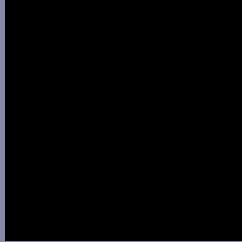
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9326, 25.6326, 40.1400

Background



This preview shows how black text looks on a background with the XYZ color 25.9326, 25.6326, 40.1400.



This preview shows how white text looks on a background with the XYZ color 25.9326, 25.6326,

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

25.9326, 25.6326, 40.1400

Protanopia

25.5293, 25.6240, 40.6462

Deuteranopia

26.1203, 25.5212, 40.1086



Tritanopia

24.4105, 25.6538, 32.5193

Trichromacy



Original Color

25.9326, 25.6326, 40.1400

Protanomaly

25.6864, 25.7050, 40.6535

Deuteranomaly

25.9556, 25.4363, 40.1009

Tritanomaly

24.9207, 25.6456, 35.0891

Monochromacy



Original Color

25.9326, 25.6326, 40.1400

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3851, 26.1562, 32.5649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9326, 25.6326, 40.1400 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(136, 136, 167)` looks like.

```
.text, #text, p{  
    color:rgb(136, 136, 167)  
}
```

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(136, 136, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 136, 167) }
```

Border

The CSS property to change the border of an element to XYZ 25.9326, 25.6326, 40.1400 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(136, 136, 167) }
```


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

```
.border{ border-color:rgb(136, 136, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 136, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 136, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 136, 167);  
box-shadow:4px 4px 4px 4px rgb(136, 136,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9326, 25.6326, 40.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 136, 167) }
```

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

```
.background{ background-color: rgb(136,  
136, 167) }
```

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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