

Converting Colors

XYZ(26.1476, 25.3292, 40.0701)

Have a look what the booklet for
XYZ(26.1476, 25.3292, 40.0701)
contains.

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Color

**XYZ(26.1476, 25.3292,
40.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	8B86A7
RGB	139, 134, 167
RGB Percent	55%, 53%, 65%
CMY	0.4549, 0.4745, 0.3451
CMYK	0.17, 0.20, 0.00, 0.35
HSL	249°, 16%, 59%
HSV	249°, 20%, 65%
XYZ	26.1476, 25.3292, 40.0701
YIQ	139.2570, -7.6130, 11.3230

Conversions

Conversions Part 2

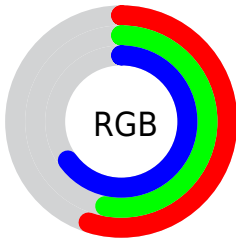
Format	Color
R_{YB}	139, 134, 167
Decimal	9143975
CIE Lab	57.39, 8.83, -16.78
CIE LCh	57, 18.963, 297.757
Yxy	25.3292, 0.2856, 0.2767
Android (android.graphics.Color)	4287334055 (0xFF8B86A7)
YUV	139.2570, 13.6773, -0.2254
Hunter-Lab	50.3281, 4.6641, -11.9757

Details

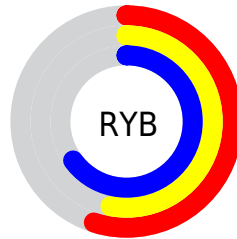
The XYZ color **26.1476, 25.3292, 40.0701** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.0230, 37.0407, 27.9645**, and the grayscale version is **24.5913, 25.8720, 28.1746**.

A 20% lighter version of the original color is **52.9475, 52.1520, 76.3830**, and **10.3847, 9.7023, 17.5451** is the 20% darker color. If you saturate the color by 10%, you get **21.8046, 19.9307, 39.2574**, and if you desaturate by 10%, it is **31.1634, 31.6169, 41.0198**.

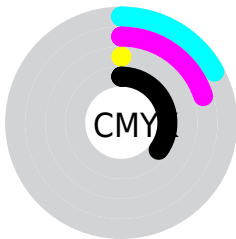
Distribution



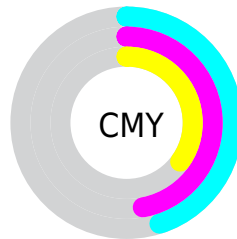
- Red (55%)
- Green (53%)
- Blue (65%)



- Red (55%)
- Yellow (53%)
- Blue (65%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1476, 25.3292, 40.0701 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 26.1476, 25.3292, 40.0701 by changing the saturation by 10% instead.

■ 26.1476, 25.3292,
40.0701

■ 26.1476, 25.3292,
40.0701

275.7493,
279.4734, 361.9798

■ 17.0674, 16.3225,
27.2790

■ 52.9426, 52.1908,
76.5085

■ 10.3781, 9.7526,
17.5486

■ 71.3880, 70.8144,
100.9929

■ 5.7146, 5.2353,
10.4603

■ 93.6859, 93.4125,
130.2121

■ 2.7113, 2.3860,
5.5956

120.2016,
120.3695, 164.5847

■ 1.0030, 0.8186,
2.5360

151.3004,
152.0696, 204.5293

■ 0.0000, 0.0000,
0.8592

187.3477,

■ 0.0000, 0.0000,

188.8974, 250.4643

0.0000

228.7089,
231.2372, 302.8083

■ 26.1476, 25.3292,
40.0701

■ 26.1476, 25.3292,
40.0701

■ 21.8046, 19.9307,
39.2574

■ 31.1634, 31.6169,
41.0198

■ 18.1033, 15.3781,
38.5737

■ 36.8767, 38.8284,
42.1106

■ 15.0135, 11.6291,
38.0130

■ 43.3137, 46.9999,
43.3486

■ 12.5019, 8.6367,
37.5677

■ 50.4987, 56.1651,
44.7390

■ 10.5317, 6.3488,
37.2300

■ 58.4547, 66.3560,
46.2867

■ 9.0617, 4.7065,
36.9905

■ 67.2039, 77.6029,
47.9964

■ 8.0448, 3.6414,
36.8385

■ 76.7675, 89.9352,
49.8728

■ 7.3963, 3.0137,
36.7515

■ 83.0123, 95.0737,
50.5355

■ 7.3834, 3.0005,
36.7496

■ 83.9751, 95.5701,
50.5805

Harmonies

Analogous

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



23.9056, 25.3292, 41.9156



26.1476, 25.3292, 40.0701



27.9249, 25.3292, 34.7368

Triad

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



26.1476, 25.3292, 40.0701



26.4590, 25.3292, 18.3658



20.0028, 25.3292, 27.0967

Complementary

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



26.1476, 25.3292, 40.0701



33.0230, 37.0407, 27.9645

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.



20.5956, 25.3292, 21.4792



26.1476, 25.3292, 40.0701



24.2445, 25.3292, 16.9529

Square

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



26.1476, 25.3292, 40.0701



28.1124, 25.3292, 22.1987



22.1143, 25.3292, 17.9981



20.4433, 25.3292, 33.7656

Rectangle

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



26.1476, 25.3292, 40.0701



28.5580, 25.3292, 30.2929



22.1143, 25.3292, 17.9981



20.0870, 25.3292, 25.0326

Sweetspot

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



26.1484, 25.3302, 40.0707



59.3987, 61.1424, 74.1463



29.7365, 33.7173, 41.5004



13.1536, 13.5076, 16.5661



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.



26.1484, 25.3302, 40.0707



43.0458, 40.6495, 71.0527



29.1051, 26.8545, 40.2090



7.2337, 7.3531, 9.4564



5.6772, 2.3101, 28.1222



0.1685, 0.0719, 0.6856

Inverse Universe

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



30.9839, 27.8754, 37.9310



53.4401, 46.1234, 66.3235



29.8968, 35.4291, 27.8182



7.7923, 7.6468, 9.2237



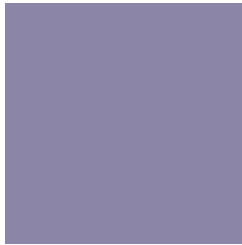
15.9282, 7.7800, 20.2310



0.4003, 0.1944, 0.5595

Previews

White Background



This preview shows how the XYZ color 26.1476, 25.3292, 40.0701 looks on a white background.

Color Contrast Check

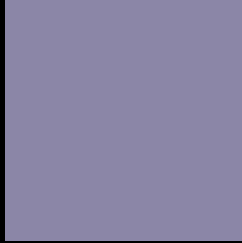
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1476, 25.3292, 40.0701 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 26.1476, 25.3292, 40.0701

Background



This preview shows how black text looks on a background with the XYZ color 26.1476, 25.3292, 40.0701.



This preview shows how white text looks on a background with the XYZ color 26.1476, 25.3292,

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

26.1476, 25.3292, 40.0701

Protanopia

25.1715, 25.2187, 41.0771

Deuteranopia

25.9556, 25.4363, 40.1009



Tritanopia

24.4443, 25.2637, 31.6050

Trichromacy



Original Color

26.1476, 25.3292, 40.0701

Protanomaly

25.4047, 25.1416, 40.5596

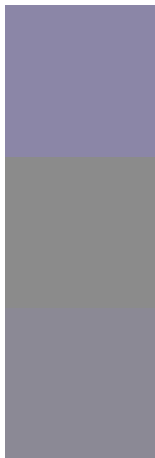
Deuteranomaly

26.1203, 25.5212, 40.1086

Tritanomaly

25.0371, 25.2932, 34.5728

Monochromacy



Original Color

26.1476, 25.3292, 40.0701

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.0179, 25.5502, 32.0469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1476, 25.3292, 40.0701 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(139, 134, 167)` looks like.

```
.text, #text, p{  
    color:rgb(139, 134, 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(139, 134, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 134, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.1476, 25.3292, 40.0701 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(139, 134, 167) }
```


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

```
.border{ border-color:rgb(139, 134, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 134, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 134, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 134, 167); box-shadow:4px 4px 4px 4px rgb(139, 134, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1476, 25.3292, 40.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 134, 167) }
```

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

```
.background{ background-color: rgb(139,  
134, 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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