

Converting Colors

XYZ(26.5464, 26.2656, 40.9240)

Have a look what the booklet for
XYZ(26.5464, 26.2656, 40.9240)
contains.

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Color

**XYZ(26.6376, 26.4074,
40.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8AA8
RGB	138, 138, 168
RGB Percent	54%, 54%, 66%
CMY	0.4588, 0.4588, 0.3412
CMYK	0.18, 0.18, 0.00, 0.34
HSL	240°, 15%, 60%
HSV	240°, 18%, 66%
XYZ	26.6376, 26.4074, 40.7390
YIQ	141.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

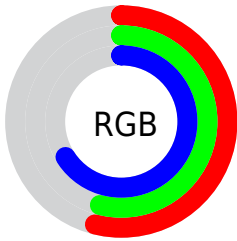
Format	Color
R_{YB}	138, 138, 168
Decimal	9079464
CIE _{Lab}	58.42, 6.42, -15.80
CIE _{LCh}	58, 17.059, 292.120
Yxy	26.4074, 0.2840, 0.2816
Android (android.graphics.Color)	4287269544 (0xFF8A8AA8)
YUV	141.4200, 13.1039, -2.9993
Hunter-Lab	51.3881, 2.5982, -11.0317

Details

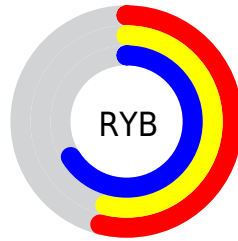
The XYZ color **26.6376, 26.4074, 40.7390** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.7387, 38.1650, 29.5811**, and the grayscale version is **25.4358, 26.7605, 29.1422**.

A 20% lighter version of the original color is **53.6883, 53.7958, 77.3660**, and **10.6666, 10.3151, 17.9518** is the 20% darker color. If you saturate the color by 10%, you get **21.8436, 20.6311, 39.8772**, and if you desaturate by 10%, it is **32.2360, 33.1531, 41.7464**.

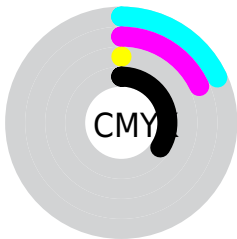
Distribution



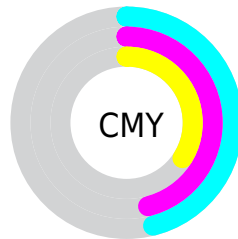
- Red (54%)
- Green (54%)
- Blue (66%)



- Red (54%)
- Yellow (54%)
- Blue (66%)



- Cyan (18%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6376, 26.4074, 40.7390 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 26.6376, 26.4074, 40.7390 by changing the saturation by 10% instead.

■ 26.6376, 26.4074,
40.7390

■ 26.6376, 26.4074,
40.7390

278.0978,
284.7763, 364.8729

■ 17.4364, 17.1287,
27.7970

■ 53.7258, 53.9315,
77.5369

■ 10.6434, 10.3263,
17.9350

■ 72.3435, 72.9456,
102.2299

■ 5.8931, 5.6158,
10.7344

■ 94.8308, 95.9736,
131.6770

■ 2.8202, 2.6129,
5.7766

121.5529,
123.3999, 166.2967

■ 1.0594, 0.9332,
2.6431

152.8754,
155.6090, 206.5077

■ 0.0000, 0.0000,
0.9146

189.1634,

■ 0.0000, 0.0000,

192.9851, 252.7283

0.0000

230.7824,
235.9128, 305.3772

■ 26.6376, 26.4074,
40.7390

■ 26.6376, 26.4074,
40.7390

■ 21.8436, 20.6311,
39.8772

■ 32.2360, 33.1531,
41.7464

■ 17.8148, 15.7766,
39.1525

■ 38.6708, 40.9065,
42.9038

■ 14.5123, 11.7973,
38.5585

■ 45.9752, 49.7077,
44.2176

■ 11.8929, 8.6412,
38.0873

■ 54.1798, 59.5935,
45.6934

■ 9.9089, 6.2505,
37.7305

■ 63.3139, 70.5994,
47.3363

■ 8.5062, 4.5603,
37.4781

■ 73.4054, 82.7587,
49.1514

■ 7.6221, 3.4950,
37.3191

■ 84.0680, 95.6072,
51.0694

■ 7.1522, 2.9288,
37.2346

■ 7.0681, 2.8274,
37.2195

Harmonies

Analogous

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



24.5545, 26.4074, 41.6742



26.6376, 26.4074, 40.7390



28.3945, 26.4074, 36.3849

Triad

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



26.6376, 26.4074, 40.7390



27.6392, 26.4074, 20.6183



21.3383, 26.4074, 27.2094

Complementary

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



26.6376, 26.4074, 40.7390



34.7387, 38.1650, 29.5811

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.



22.0697, 26.4074, 22.2710



26.6376, 26.4074, 40.7390



25.6524, 26.4074, 18.8240

Square

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



26.6376, 26.4074, 40.7390



28.9947, 26.4074, 24.6476



23.6217, 26.4074, 19.3842



21.5697, 26.4074, 33.2911

Rectangle

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



26.6376, 26.4074, 40.7390



29.1064, 26.4074, 32.4197



23.6217, 26.4074, 19.3842



21.4782, 26.4074, 25.3740

Sweetspot

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



26.6384, 26.4085, 40.7396



61.5702, 63.8644, 76.3070



31.5058, 36.2176, 42.1327



13.2545, 13.7206, 16.6019



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.



26.6384, 26.4085, 40.7396



45.1054, 44.0256, 73.3456



29.1996, 27.7285, 40.8594



7.1318, 7.3006, 9.4516



5.3375, 2.1351, 28.1063



0.1299, 0.0520, 0.6838

Inverse Universe

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



29.8250, 28.3374, 27.9437



51.8617, 48.1154, 46.2156



31.8221, 36.6618, 29.4446



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 26.6376, 26.4074, 40.7390 looks on a white background.

Color Contrast Check

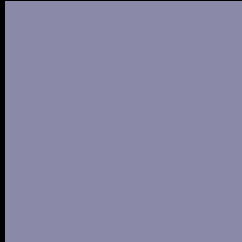
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6376, 26.4074, 40.7390 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 26.6376, 26.4074, 40.7390

Background



This preview shows how black text looks on a background with the XYZ color 26.6376, 26.4074, 40.7390.



This preview shows how white text looks on a background with the XYZ color 26.6376, 26.4074,

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

26.6376, 26.4074, 40.7390

Protanopia

26.2256, 26.3981, 41.2492

Deuteranopia

26.8288, 26.2939, 40.7070



Tritanopia

25.1840, 26.4676, 33.4872

Trichromacy



Original Color

26.6376, 26.4074, 40.7390

Protanomaly

26.3857, 26.4807, 41.2567

Deuteranomaly

26.6610, 26.2074, 40.6991

Tritanomaly

25.7030, 26.4590, 36.1002

Monochromacy



Original Color

26.6376, 26.4074, 40.7390

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.7792, 26.5660, 33.0472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6376, 26.4074, 40.7390 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(138, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(138, 138, 168)  
}
```

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(138, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 138, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.6376, 26.4074, 40.7390 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(138, 138, 168) }
```


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

```
.border{ border-color:rgb(138, 138, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 138, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 138, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 138, 168);  
box-shadow:4px 4px 4px 4px rgb(138, 138,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6376, 26.4074, 40.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 138, 168) }
```

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

```
.background{ background-color: rgb(138,  
138, 168) }
```

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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