

Converting Colors

XYZ(23.9647, 26.2130, 40.3565)

Have a look what the booklet for
XYZ(23.9647, 26.2130, 40.3565)
contains.

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Color

**XYZ(23.8677, 26.0798,
40.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	738FA7
RGB	115, 143, 167
RGB Percent	45%, 56%, 65%
CMY	0.5490, 0.4392, 0.3451
CMYK	0.31, 0.14, 0.00, 0.35
HSL	208°, 23%, 55%
HSV	208°, 31%, 65%
XYZ	23.8677, 26.0798, 40.3352
YIQ	137.3640, -24.3920, 1.5280

Conversions

Conversions Part 2

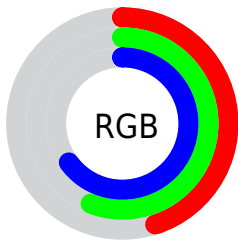
Format	Color
R_{YB}	115, 133, 167
Decimal	7573415
CIE _{Lab}	58.11, -4.00, -15.86
CIE _{LCh}	58, 16.356, 255.831
Yxy	26.0798, 0.2644, 0.2889
Android (android.graphics.Color)	4285763495 (0xFF738FA7)
YUV	137.3640, 14.6105, -19.6132
Hunter-Lab	51.0684, -5.9446, -11.0810

Details

The XYZ color **23.8677, 26.0798, 40.3352** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.2638, 27.9186, 20.1194**, and the grayscale version is **23.8692, 25.1123, 27.3473**.

A 20% lighter version of the original color is **49.2995, 53.5313, 76.8414**, and **9.1888, 10.1903, 17.7023** is the 20% darker color. If you saturate the color by 10%, you get **20.7501, 22.8141, 39.8696**, and if you desaturate by 10%, it is **27.4643, 29.7116, 40.8471**.

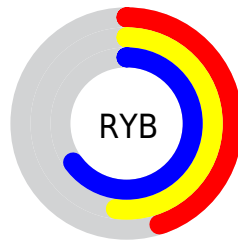
Distribution



Red (45%)

Green (56%)

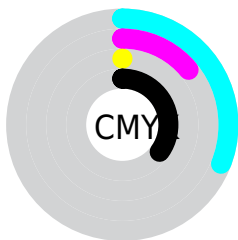
Blue (65%)



Red (45%)

Yellow (52%)

Blue (65%)

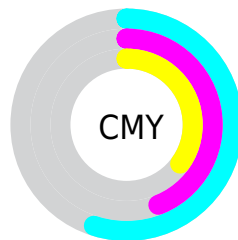


Cyan (31%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8677, 26.0798, 40.3352 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 23.8677, 26.0798, 40.3352 by changing the saturation by 10% instead.

■ 23.8677, 26.0798,
40.3352

■ 23.8677, 26.0798,
40.3352

264.6038,
283.1736, 363.1284

■ 15.3597, 16.8833,
27.4842

■ 49.2705, 53.4037,
76.9163

■ 9.1602, 10.1514,
17.7016

■ 66.8960, 72.2998,
101.4836

■ 4.9038, 5.4994,
10.5687

■ 88.2913, 95.1981,
130.7933

■ 2.2251, 2.5432,
5.6671

113.8219,
122.4827, 165.2641

■ 0.7559, 0.8982,
2.5783

143.8531,
154.5382, 205.3144

■ 0.0000, 0.0000,
0.8812

178.7503,

■ 0.0000, 0.0000,

191.7489, 251.3629

0.0000

218.8787,
234.4993, 303.8280

■ 23.8677, 26.0798,
40.3352

■ 23.8677, 26.0798,
40.3352

■ 20.7501, 22.8141,
39.8696

■ 27.4643, 29.7116,
40.8471

■ 18.0859, 19.8973,
39.4470

■ 31.5589, 33.7199,
41.4050

■ 15.8508, 17.3149,
39.0664

■ 36.1723, 38.1181,
42.0107

■ 14.0170, 15.0502,
38.7259

■ 41.3234, 42.9182,
42.6658

■ 12.5529, 13.0841,
38.4236

■ 47.0302, 48.1316,
43.3713

■ 11.4214, 11.3950,
38.1572

■ 53.3096, 53.7690,
44.1284

■ 10.6253, 10.0904,
37.9473

■ 60.1779, 59.8409,
44.9384

■ 67.6508, 66.3573,
45.8024

■ 71.8507, 71.3212,
46.5391

Harmonies

Analogous

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



22.2287, 26.0798, 36.9579



23.8677, 26.0798, 40.3352



25.8413, 26.0798, 40.2319

Triad

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



23.8677, 26.0798, 40.3352



28.6345, 26.0798, 25.5245



22.1561, 26.0798, 21.4562

Complementary

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



23.8677, 26.0798, 40.3352



28.2638, 27.9186, 20.1194

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.



23.7639, 26.0798, 19.1447



23.8677, 26.0798, 40.3352



27.5368, 26.0798, 21.2712

Square

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



23.8677, 26.0798, 40.3352



28.6659, 26.0798, 31.1501



25.7318, 26.0798, 19.0819



21.2767, 26.0798, 25.8101

Rectangle

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



23.8677, 26.0798, 40.3352



27.0844, 26.0798, 38.1861



25.7318, 26.0798, 19.0819



22.6254, 26.0798, 20.4417

Sweetspot

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



23.8685, 26.0808, 40.3358



58.0757, 61.8884, 74.3600



25.5059, 33.1294, 29.2477



12.7469, 13.6095, 16.6072



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.



23.8685, 26.0808, 40.3358



39.0037, 42.8143, 71.6836



20.4772, 19.2983, 39.2054



7.4538, 7.9445, 9.5589



8.1800, 7.8201, 29.0538



0.2494, 0.2909, 0.7237

Inverse Universe

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



27.0256, 22.4607, 28.8987



45.6348, 35.7624, 47.5380



32.3785, 36.1481, 21.4909



7.6937, 7.6073, 8.7040



13.6295, 6.8605, 8.1263



0.3570, 0.1771, 0.3315

Previews

White Background



This preview shows how the XYZ color 23.8677, 26.0798, 40.3352 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 23.8677, 26.0798, 40.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

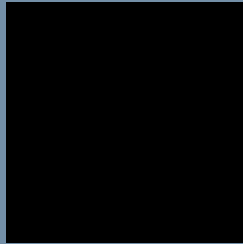
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

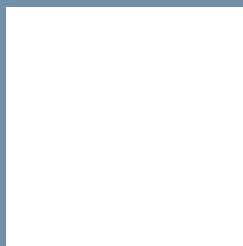
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8677, 26.0798, 40.3352

Background



This preview shows how black text looks on a background with the XYZ color 23.8677, 26.0798, 40.3352.



This preview shows how white text looks on a background with the XYZ color 23.8677, 26.0798,

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

23.8677, 26.0798, 40.3352

Protanopia

25.6208, 25.9256, 38.7757

Deuteranopia

26.3533, 25.8387, 40.6442



Tritanopia

22.9362, 26.1618, 35.2934

Trichromacy



Original Color

23.8677, 26.0798, 40.3352

Protanomaly

24.9220, 25.9848, 39.2993

Deuteranomaly

25.5064, 26.0382, 40.7273

Tritanomaly

23.2579, 26.0620, 37.0624

Monochromacy



Original Color

23.8677, 26.0798, 40.3352

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6312, 25.2705, 31.6492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8677, 26.0798, 40.3352 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(115, 143, 167)` looks like.

```
.text, #text, p{  
    color:rgb(115, 143, 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(115, 143, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 143, 167) }
```

Border

The CSS property to change the border of an element to XYZ 23.8677, 26.0798, 40.3352 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(115, 143, 167) }
```


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

```
.border{ border-color:rgb(115, 143, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 143, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 143, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 143, 167);  
box-shadow:4px 4px 4px 4px rgb(115, 143,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8677, 26.0798, 40.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 143, 167) }
```

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

```
.background{ background-color: rgb(115,  
143, 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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