

Converting Colors

XYZ(23.6842, 26.0064, 39.3687)

Have a look what the booklet for
XYZ(23.6842, 26.0064, 39.3687)
contains.

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Color

**XYZ(23.6842, 26.0064,
39.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	738FA5
RGB	115, 143, 165
RGB Percent	45%, 56%, 65%
CMY	0.5490, 0.4392, 0.3529
CMYK	0.30, 0.13, 0.00, 0.35
HSL	206°, 22%, 55%
HSV	206°, 30%, 65%
XYZ	23.6842, 26.0064, 39.3687
YIQ	137.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

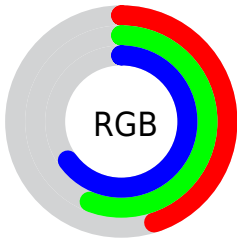
Format	Color
RYB	115, 133, 165
Decimal	7573413
CIELab	58.04, -4.51, -14.82
CIElCh	58, 15.494, 253.061
Yxy	26.0064, 0.2659, 0.2920
Android (android.graphics.Color)	4285763493 (0xFF738FA5)
YUV	137.1360, 13.7370, -19.4133
Hunter-Lab	50.9965, -6.3434, -10.0737

Details

The XYZ color **23.6842, 26.0064, 39.3687** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5575, 27.1285, 20.0042**, and the grayscale version is **23.7860, 25.0248, 27.2520**.

A 20% lighter version of the original color is **49.0330, 53.4246, 75.4378**, and **9.0750, 10.1448, 17.1026** is the 20% darker color. If you saturate the color by 10%, you get **20.6510, 22.8775, 38.9251**, and if you desaturate by 10%, it is **27.1779, 29.4787, 39.8552**.

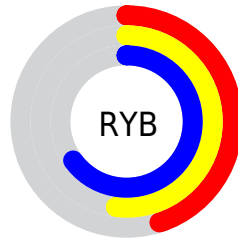
Distribution



Red (45%)

Green (56%)

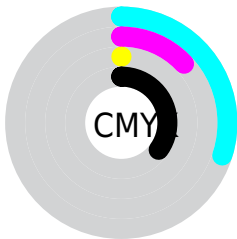
Blue (65%)



Red (45%)

Yellow (52%)

Blue (65%)

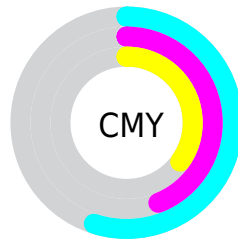


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6842, 26.0064, 39.3687 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 23.6842, 26.0064, 39.3687 by changing the saturation by 10% instead.

■ 23.6842, 26.0064,
39.3687

■ 23.6842, 26.0064,
39.3687

263.6902,
282.8135, 358.9282

■ 15.2230, 16.8284,
26.7366

■ 48.9728, 53.2853,
75.4278

■ 9.0634, 10.1122,
17.1448

■ 66.5309, 72.1550,
99.6919

■ 4.8400, 5.4734,
10.1748

■ 87.8520, 95.0240,
128.6704

■ 2.1875, 2.5276,
5.4079

113.3015,
122.2768, 162.7818

■ 0.7361, 0.8904,
2.4256

143.2447,
154.2978, 202.4448

■ 0.0000, 0.0000,
0.8003

178.0470,

■ 0.0000, 0.0000,

191.4713, 248.0778

0.0000

218.0737,
234.1817, 300.0994

■ 23.6842, 26.0064,
39.3687

■ 23.6842, 26.0064,
39.3687

■ 20.6510, 22.8775,
38.9251

■ 27.1779, 29.4787,
39.8552

■ 18.0539, 20.0755,
38.5211

■ 31.1502, 33.3037,
40.3842

■ 15.8696, 17.5870,
38.1559

■ 35.6211, 37.4942,
40.9574

■ 14.0717, 15.3964,
37.8278

■ 40.6085, 42.0613,
41.5760

■ 12.6300, 13.4859,
37.5351

■ 46.1297, 47.0157,
42.2413

■ 11.5095, 11.8352,
37.2755

■ 52.2010, 52.3674,
42.9543

■ 10.6540, 10.4415,
37.0516

■ 58.8379, 58.1261,
43.7161

■ 66.0554, 64.3014,
44.5276

■ 70.6701, 69.2536,
45.2403

Harmonies

Analogous

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



22.1803, 26.0064, 35.9555



23.6842, 26.0064, 39.3687



25.5408, 26.0064, 39.5941

Triad

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



23.6842, 26.0064, 39.3687



28.3936, 26.0064, 26.0499



22.3409, 26.0064, 21.4320

Complementary

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



23.6842, 26.0064, 39.3687



27.5575, 27.1285, 20.0042

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.



23.9136, 26.0064, 19.4138



23.6842, 26.0064, 39.3687



27.4429, 26.0064, 21.8443

Square

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



23.6842, 26.0064, 39.3687



28.3245, 26.0064, 31.4279



25.7821, 26.0064, 19.5546



21.4320, 26.0064, 25.4176

Rectangle

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



23.6842, 26.0064, 39.3687



26.7347, 26.0064, 37.8660



25.7821, 26.0064, 19.5546



22.8060, 26.0064, 20.5249

Sweetspot

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



23.6850, 26.0074, 39.3693



56.6522, 60.4641, 72.4372



25.0174, 32.3522, 28.4683



12.1548, 13.0000, 15.8061



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.6850, 26.0074, 39.3693



38.8706, 42.9440, 69.9927



20.3801, 19.3976, 38.2677



7.0140, 7.4870, 8.9785



8.1102, 7.9998, 28.0464



0.2165, 0.2602, 0.6047

Inverse Universe

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



26.6063, 22.2446, 28.8791



45.0142, 35.5490, 47.8153



31.4737, 34.9610, 21.3096



7.2320, 7.1493, 8.2084



13.2391, 6.6517, 8.4497



0.3014, 0.1491, 0.2999

Previews

White Background



This preview shows how the XYZ color 23.6842, 26.0064, 39.3687 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 23.6842, 26.0064, 39.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

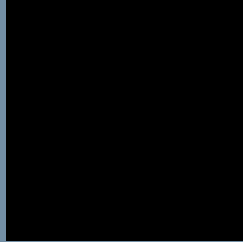
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

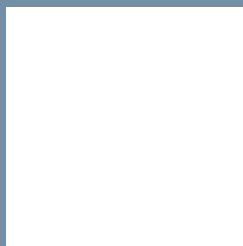
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6842, 26.0064, 39.3687

Background



This preview shows how black text looks on a background with the XYZ color 23.6842, 26.0064, 39.3687.



This preview shows how white text looks on a background with the XYZ color 23.6842, 26.0064,

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

23.6842, 26.0064, 39.3687

Protanopia

25.6017, 25.9365, 37.8393

Deuteranopia

26.3346, 25.8505, 39.6781



Tritanopia

22.9362, 26.1618, 35.2934

Trichromacy



Original Color

23.6842, 26.0064, 39.3687

Protanomaly

24.8910, 25.9897, 38.3549

Deuteranomaly

25.3215, 25.9642, 39.7534

Tritanomaly

23.1707, 26.0271, 36.6034

Monochromacy



Original Color

23.6842, 26.0064, 39.3687

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5523, 25.2389, 31.2340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6842, 26.0064, 39.3687 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 143, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 143, 165) }
```

Border

The CSS property to change the border of an element to XYZ 23.6842, 26.0064, 39.3687 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, 165) }
```


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

```
.border{ border-color:rgb(115, 143, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 143, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 143, 165);  
box-shadow:4px 4px 4px 4px rgb(115, 143,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6842, 26.0064, 39.3687 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, 165) }
```

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

```
.background{ background-color: rgb(115,  
143, 165) }
```

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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