

Converting Colors

XYZ(22.9986, 26.5970, 39.8045)

Have a look what the booklet for
XYZ(22.9986, 26.5970, 39.8045)
contains.

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Color

**XYZ(23.0256, 26.5637,
39.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	6893A6
RGB	104, 147, 166
RGB Percent	41%, 58%, 65%
CMY	0.5921, 0.4235, 0.3490
CMYK	0.37, 0.11, 0.00, 0.35
HSL	198°, 26%, 53%
HSV	198°, 37%, 65%
XYZ	23.0256, 26.5637, 39.9901
YIQ	136.3090, -31.7270, -3.2070

Conversions

Conversions Part 2

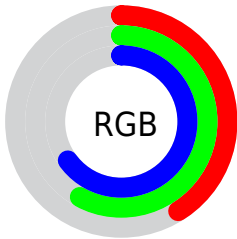
Format	Color
RYB	104, 129, 166
Decimal	6853542
CIELab	58.57, -9.72, -14.66
CIELCh	59, 17.592, 236.453
Yxy	26.5637, 0.2570, 0.2965
Android (android.graphics.Color)	4285043622 (0xFF6893A6)
YUV	136.3090, 14.6377, -28.3350
Hunter-Lab	51.5400, -10.4497, -9.9254

Details

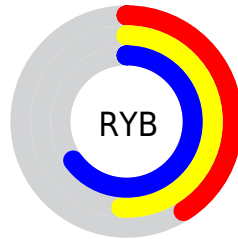
The XYZ color **23.0256, 26.5637, 39.9901** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3080, 23.2728, 16.2557**, and the grayscale version is **23.4736, 24.6961, 26.8940**.

A 20% lighter version of the original color is **47.8424, 54.1618, 76.3393**, and **8.6883, 10.3375, 17.4570** is the 20% darker color. If you saturate the color by 10%, you get **20.5117, 24.1199, 39.6514**, and if you desaturate by 10%, it is **25.9554, 29.2751, 40.3595**.

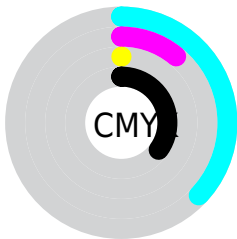
Distribution



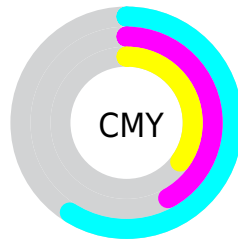
- Red (41%)
- Green (58%)
- Blue (65%)



- Red (41%)
- Yellow (51%)
- Blue (65%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (59%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0256, 26.5637, 39.9901 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 23.0256, 26.5637, 39.9901 by changing the saturation by 10% instead.

■ 23.0256, 26.5637,
39.9901

■ 23.0256, 26.5637,
39.9901

260.3893,
285.5384, 361.6327

■ 14.7332, 17.2458,
27.2171

■ 47.9017, 54.1829,
76.3854

■ 8.7175, 10.4099,
17.5025

■ 65.2161, 73.2531,
100.8447

■ 4.6130, 5.6716,
10.4276

■ 86.2686, 96.3428,
130.0366

■ 2.0544, 2.6464,
5.5741

■ 111.4245,
123.8365, 164.3795

■ 0.6643, 0.9501,
2.5233

141.0492,
156.1184, 204.2920

■ 0.0000, 0.0000,
0.8525

175.5080,

■ 0.0000, 0.0000,

193.5732, 250.1927

0.0000

215.1662,
236.5850, 302.5001

■ 23.0256, 26.5637,
39.9901

■ 23.0256, 26.5637,
39.9901

■ 20.5117, 24.1199,
39.6514

■ 25.9554, 29.2751,
40.3595

■ 18.3885, 21.9282,
39.3402

■ 29.3197, 32.2624,
40.7588

■ 16.6316, 19.9758,
39.0560

■ 33.1387, 35.5374,
41.1896

■ 15.2127, 18.2477,
38.7972

■ 37.4308, 39.1101,
41.6530

■ 14.0990, 16.7261,
38.5622

■ 42.2131, 42.9900,
42.1499

■ 13.2392, 15.3838,
38.3484

■ 47.5020, 47.1861,
42.6810

■ 13.0289, 15.0450,
38.2941

■ 53.3131, 51.7071,
43.2474

■ 59.6611, 56.5611,
43.8497

■ 66.5604, 61.7561,
44.4888

Harmonies

Analogous

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



21.7153, 26.5637, 34.5413



23.0256, 26.5637, 39.9901



24.9924, 26.5637, 42.4657

Triad

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



23.0256, 26.5637, 39.9901



29.6159, 26.5637, 29.6641



23.4459, 26.5637, 19.5425

Complementary

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



23.0256, 26.5637, 39.9901



25.3080, 23.2728, 16.2557

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.



25.5053, 26.5637, 18.6178



23.0256, 26.5637, 39.9901



29.1445, 26.5637, 23.9502

Square

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



23.0256, 26.5637, 39.9901



28.8632, 26.5637, 35.9932



27.6090, 26.5637, 20.1136



21.9480, 26.5637, 22.8457

Rectangle

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



23.0256, 26.5637, 39.9901



26.4405, 26.5637, 41.8698



27.6090, 26.5637, 20.1136



24.0919, 26.5637, 18.9655

Sweetspot

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



23.0264, 26.5647, 39.9907



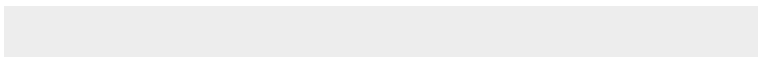
57.3702, 62.1411, 74.4460



22.8959, 31.6361, 23.5083



12.6363, 13.7330, 16.6369



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.



23.0264, 26.5647, 39.9907



37.8698, 44.4156, 72.0524



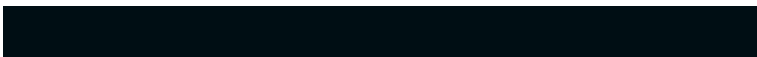
18.8842, 18.2802, 38.6100



7.5507, 8.1383, 9.5912



10.1458, 11.7519, 29.7091



0.2889, 0.3700, 0.7368

Inverse Universe

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



25.9434, 20.1150, 30.1201



44.1180, 31.5396, 50.6985



29.7148, 32.0864, 17.7246



7.7425, 7.6269, 8.9615



14.6217, 7.2574, 13.3516



0.3770, 0.1851, 0.4366

Previews

White Background



This preview shows how the XYZ color 23.0256, 26.5637, 39.9901 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 23.0256, 26.5637, 39.9901 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

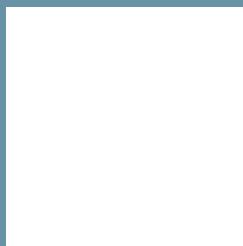
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0256, 26.5637, 39.9901

Background



This preview shows how black text looks on a background with the XYZ color 23.0256, 26.5637, 39.9901.



This preview shows how white text looks on a background with the XYZ color 23.0256, 26.5637,

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

23.0256, 26.5637, 39.9901

Protanopia

25.9822, 26.3568, 37.4362

Deuteranopia

26.8288, 26.2939, 40.7070



Tritanopia

22.4146, 26.5427, 37.1996

Trichromacy



Original Color

23.0256, 26.5637, 39.9901

Protanomaly

24.7413, 26.3503, 38.4324

Deuteranomaly

25.2523, 26.3518, 40.3147

Tritanomaly

22.7050, 26.6720, 38.1339

Monochromacy



Original Color

23.0256, 26.5637, 39.9901

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9567, 25.1478, 31.2478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0256, 26.5637, 39.9901 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(104, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(104, 147, 166)  
}
```

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(104, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 147, 166) }
```

Border

The CSS property to change the border of an element to XYZ 23.0256, 26.5637, 39.9901 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(104, 147, 166) }
```


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

```
.border{ border-color:rgb(104, 147, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 147, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(104, 147,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0256, 26.5637, 39.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 147, 166) }
```

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

```
.background{ background-color: rgb(104,  
147, 166) }
```

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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