

Converting Colors

XYZ(23.3304, 26.0674, 37.9980)

Have a look what the booklet for
XYZ(23.3304, 26.0674, 37.9980)
contains.

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Color

**XYZ(23.3049, 26.0659,
37.9853)**

Conversions

Conversions Part 1

Format	Color
Hex	7190A2
RGB	113, 144, 162
RGB Percent	44%, 56%, 64%
CMY	0.5569, 0.4353, 0.3647
CMYK	0.30, 0.11, 0.00, 0.36
HSL	202°, 21%, 54%
HSV	202°, 30%, 64%
XYZ	23.3049, 26.0659, 37.9853
YIQ	136.7830, -24.2540, -0.9740

Conversions

Conversions Part 2

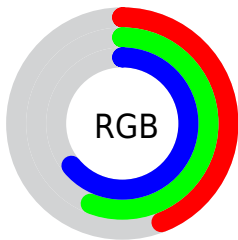
Format	Color
R _Y B	113, 132, 162
Decimal	7442594
CIE Lab	58.10, -6.45, -13.04
CIE LCh	58, 14.542, 243.687
Yxy	26.0659, 0.2668, 0.2984
Android (android.graphics.Color)	4285632674 (0xFF7190A2)
YUV	136.7830, 12.4320, -20.8577
Hunter-Lab	51.0548, -7.8662, -8.3741

Details

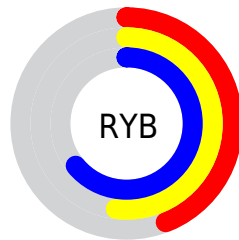
The XYZ color **23.3049, 26.0659, 37.9853** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9975, 25.1064, 19.0992**, and the grayscale version is **23.6577, 24.8898, 27.1050**.

A 20% lighter version of the original color is **48.4444, 53.5049, 73.4198**, and **8.8671, 10.1880, 16.2510** is the 20% darker color. If you saturate the color by 10%, you get **20.5264, 23.3312, 37.6043**, and if you desaturate by 10%, it is **26.5046, 29.0895, 38.4007**.

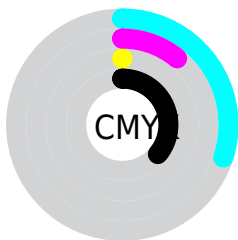
Distribution



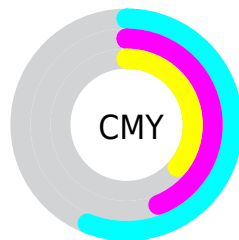
- Red (44%)
- Green (56%)
- Blue (64%)



- Red (44%)
- Yellow (52%)
- Blue (64%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (36%)



- Cyan (56%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3049, 26.0659, 37.9853 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 23.3049, 26.0659, 37.9853 by changing the saturation by 10% instead.

■ 23.3049, 26.0659,
37.9853

■ 23.3049, 26.0659,
37.9853

261.7934,
283.1054, 352.8532

■ 14.9407, 16.8729,
25.6695

■ 48.3565, 53.3812,
73.2888

■ 8.8638, 10.1439,
16.3530

■ 65.7746, 72.2724,
97.1136

■ 4.7089, 5.4945,
9.6173

■ 86.9414, 95.1651,
125.6118

■ 2.1105, 2.5402,
5.0437

■ 112.2223,
122.4438, 159.2020

■ 0.6949, 0.8967,
2.2137

141.9825,
154.4927, 198.3027

■ 0.0000, 0.0000,
0.6823

176.5876,

■ 0.0000, 0.0000,

191.6964, 243.3324

0.0000

216.4027,
234.4391, 294.7097

■ 23.3049, 26.0659,
37.9853

■ 23.3049, 26.0659,
37.9853

■ 20.5264, 23.3312,
37.6043

■ 26.5046, 29.0895,
38.4007

■ 18.1461, 20.8707,
37.2549

■ 30.1421, 32.4097,
38.8499

■ 16.1425, 18.6727,
36.9362

■ 34.2360, 36.0379,
39.3344

■ 14.4908, 16.7233,
36.6470

■ 38.8031, 39.9836,
39.8553

■ 13.1630, 15.0070,
36.3857

■ 43.8593, 44.2561,
40.4135

■ 12.1262, 13.5056,
36.1505

■ 49.4197, 48.8640,
41.0098

■ 11.3219, 12.2092,
35.9427

■ 55.4988, 53.8159,
41.6452

■ 62.1103, 59.1197,
42.3205

■ 67.8548, 64.0548,
42.9703

Harmonies

Analogous

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



22.0644, 26.0659, 34.1034



23.3049, 26.0659, 37.9853



24.9931, 26.0659, 39.1930

Triad

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



23.3049, 26.0659, 37.9853



28.3076, 26.0659, 27.7626



22.9449, 26.0659, 21.0569

Complementary

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



23.3049, 26.0659, 37.9853



25.9975, 25.1064, 19.0992

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.



24.5579, 26.0659, 19.7668



23.3049, 26.0659, 37.9853



27.6986, 26.0659, 23.3380

Square

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



23.3049, 26.0659, 37.9853



27.9337, 26.0659, 32.8977



26.3054, 26.0659, 20.5502



21.8636, 26.0659, 24.2985

Rectangle

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



23.3049, 26.0659, 37.9853



26.1594, 26.0659, 38.2136



26.3054, 26.0659, 20.5502



23.4401, 26.0659, 20.3992

Sweetspot

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



23.3057, 26.0669, 37.9859



55.4789, 59.5179, 70.6202



23.8254, 30.9897, 26.1873



12.2393, 13.1690, 15.8343



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.



23.3057, 26.0669, 37.9859



38.9753, 44.0657, 68.5074



19.9927, 19.4409, 36.8816



7.0563, 7.5717, 8.9926



8.9616, 9.7027, 28.3303



0.2310, 0.2893, 0.6095

Inverse Universe

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



25.8401, 21.5059, 29.1759



44.3947, 34.8471, 49.5487



29.6806, 32.4724, 20.3269



7.2534, 7.1578, 8.3208



13.6689, 6.8236, 10.7129



0.3088, 0.1520, 0.3387

Previews

White Background



This preview shows how the XYZ color 23.3049, 26.0659, 37.9853 looks on a white background.

Color Contrast Check

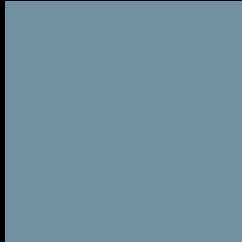
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3049, 26.0659, 37.9853 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

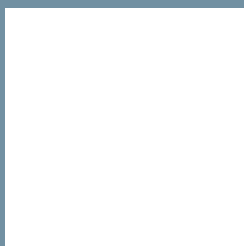
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3049, 26.0659, 37.9853

Background



This preview shows how black text looks on a background with the XYZ color 23.3049, 26.0659, 37.9853.



This preview shows how white text looks on a background with the XYZ color 23.3049, 26.0659,

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

23.3049, 26.0659, 37.9853

Protanopia

25.4134, 25.8798, 36.0036

Deuteranopia

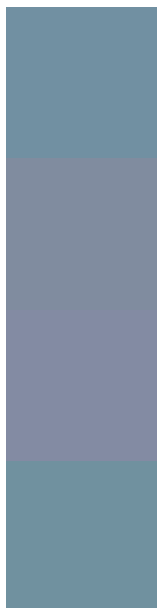
26.4895, 25.9514, 38.7349



Tritanopia

22.8933, 26.1299, 35.7353

Trichromacy



Original Color

23.3049, 26.0659, 37.9853

Protanomaly

24.5382, 25.8486, 36.4969

Deuteranomaly

25.2036, 25.9349, 38.3279

Tritanomaly

23.0655, 26.1987, 36.6421

Monochromacy



Original Color

23.3049, 26.0659, 37.9853

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4685, 25.4207, 30.8639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3049, 26.0659, 37.9853 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(113, 144, 162)` looks like.

```
.text, #text, p{  
    color:rgb(113, 144, 162)  
}
```

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(113, 144, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 144, 162) }
```

Border

The CSS property to change the border of an element to XYZ 23.3049, 26.0659, 37.9853 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(113, 144, 162) }
```


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

```
.border{ border-color:rgb(113, 144, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 144, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 144, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 144, 162);  
box-shadow:4px 4px 4px 4px rgb(113, 144,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3049, 26.0659, 37.9853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 144, 162) }
```

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

```
.background{ background-color: rgb(113,  
144, 162) }
```

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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