

Converting Colors

XYZ(24.5185, 28.1233, 39.3101)

Have a look what the booklet for
XYZ(24.5185, 28.1233, 39.3101)
contains.

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Color

**XYZ(24.4172, 28.0037,
39.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	7196A4
RGB	113, 150, 164
RGB Percent	44%, 59%, 64%
CMY	0.5569, 0.4118, 0.3569
CMYK	0.31, 0.09, 0.00, 0.36
HSL	196°, 22%, 54%
HSV	196°, 31%, 64%
XYZ	24.4172, 28.0037, 39.2403
YIQ	140.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

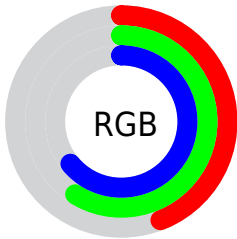
Format	Color
R_{YB}	113, 134, 164
Decimal	7444132
CIE _{Lab}	59.89, -9.27, -11.48
CIE _{LCh}	60, 14.755, 231.074
Yxy	28.0037, 0.2664, 0.3055
Android (android.graphics.Color)	4285634212 (0xFF7196A4)
YUV	140.5330, 11.5692, -24.1464
Hunter-Lab	52.9185, -10.2455, -6.9219

Details

The XYZ color **24.4172, 28.0037, 39.2403** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8802, 24.2637, 18.9427**, and the grayscale version is **25.0991, 26.4062, 28.7564**.

A 20% lighter version of the original color is **50.1049, 56.4072, 75.2647**, and **9.4364, 11.1503, 16.9841** is the 20% darker color. If you saturate the color by 10%, you get **21.7906, 25.6043, 38.9161**, and if you desaturate by 10%, it is **27.4544, 30.6571, 39.5929**.

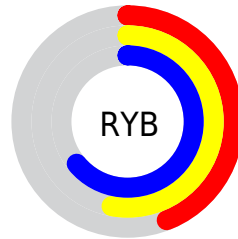
Distribution



Red (44%)

Green (59%)

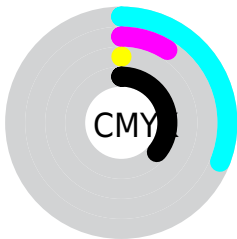
Blue (64%)



Red (44%)

Yellow (53%)

Blue (64%)

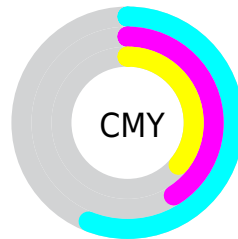


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4172, 28.0037, 39.2403 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 24.4172, 28.0037, 39.2403 by changing the saturation by 10% instead.

■ 24.4172, 28.0037,
39.2403

■ 24.4172, 28.0037,
39.2403

267.3245,
292.4846, 358.3675

■ 15.7698, 18.3284,
26.6374

■ 50.1599, 56.4903,
75.2297

■ 9.4512, 11.1861,
17.0711

■ 67.9859, 76.0705,
99.4532

■ 5.0961, 6.1921,
10.1227

■ 89.6021, 99.7212,
128.3875

■ 2.3391, 2.9623,
5.3737

■ 115.3740,
127.8266, 162.4509

■ 0.8146, 1.1121,
2.4056

145.6668,
160.7713, 202.0621

■ 0.0000, 0.0000,
0.7895

180.8459,

■ 0.0000, 0.0000,

198.9396, 247.6396

0.0000

221.2767,
242.7159, 299.6018

■ 24.4172, 28.0037,
39.2403

■ 24.4172, 28.0037,
39.2403

■ 21.7906, 25.6043,
38.9161

■ 27.4544, 30.6571,
39.5929

■ 19.5511, 23.4443,
38.6172

■ 30.9190, 33.5715,
39.9728

■ 17.6769, 21.5127,
38.3431

■ 34.8298, 36.7579,
40.3817

■ 16.1427, 19.7960,
38.0926

■ 39.2039, 40.2253,
40.8204

■ 14.9196, 18.2787,
37.8642

■ 44.0571, 43.9825,
41.2899

■ 13.9737, 16.9430,
37.6563

■ 49.4049, 48.0378,
41.7907

■ 13.2961, 15.8707,
37.4850

■ 55.2618, 52.3990,
42.3239

■ 61.6417, 57.0739,
42.8899

■ 66.4664, 60.9914,
43.3918

Harmonies

Analogous

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



23.3954, 28.0037, 34.3526



24.4172, 28.0037, 39.2403



26.0617, 28.0037, 41.8585

Triad

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



24.4172, 28.0037, 39.2403



30.3356, 28.0037, 32.1200



25.3425, 28.0037, 21.8435

Complementary

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



24.4172, 28.0037, 39.2403



25.8802, 24.2637, 18.9427

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.



27.1795, 28.0037, 21.3943



24.4172, 28.0037, 39.2403



30.1209, 28.0037, 26.9307

Square

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



24.4172, 28.0037, 39.2403



29.5181, 28.0037, 37.4424



28.9444, 28.0037, 23.1501



23.9119, 28.0037, 24.4585

Rectangle

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



24.4172, 28.0037, 39.2403



27.3145, 28.0037, 41.7757



28.9444, 28.0037, 23.1501



25.9309, 28.0037, 21.4473

Sweetspot

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



24.4181, 28.0048, 39.2409



57.4267, 62.0131, 72.6953



23.8908, 31.5841, 24.7800



12.3485, 13.3874, 15.8707



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.



24.4181, 28.0048, 39.2409



41.0939, 47.9073, 70.8335



20.8325, 20.8336, 38.0457



7.1110, 7.6809, 9.0108



10.2358, 12.2511, 28.7550



0.2513, 0.3298, 0.6163

Inverse Universe

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



26.7207, 21.9054, 31.6752



46.0104, 35.4647, 54.5492



29.5355, 31.5743, 20.1612



7.2810, 7.1688, 8.4660



14.3120, 7.0809, 14.0998



0.3190, 0.1561, 0.3924

Previews

White Background



This preview shows how the XYZ color 24.4172, 28.0037, 39.2403 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 24.4172, 28.0037, 39.2403 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 24.4172, 28.0037, 39.2403

Background



This preview shows how black text looks on a background with the XYZ color 24.4172, 28.0037, 39.2403.



This preview shows how white text looks on a background with the XYZ color 24.4172, 28.0037,

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

24.4172, 28.0037, 39.2403

Protanopia

27.2358, 27.8989, 36.7504

Deuteranopia

28.2936, 27.7124, 39.9342



Tritanopia

24.2380, 27.9320, 38.2964

Trichromacy



Original Color

24.4172, 28.0037, 39.2403

Protanomaly

26.0720, 27.9563, 37.7402

Deuteranomaly

26.7565, 27.8140, 39.5557

Tritanomaly

24.3273, 27.9677, 38.7665

Monochromacy



Original Color

24.4172, 28.0037, 39.2403

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7581, 26.9417, 32.3292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4172, 28.0037, 39.2403 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, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(113, 150, 164)  
}
```

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, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 150, 164) }
```

Border

The CSS property to change the border of an element to XYZ 24.4172, 28.0037, 39.2403 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, 150, 164) }
```


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

```
.border{ border-color:rgb(113, 150, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 150, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 150, 164);  
box-shadow:4px 4px 4px 4px rgb(113, 150,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4172, 28.0037, 39.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 150, 164) }
```

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

```
.background{ background-color: rgb(113,  
150, 164) }
```

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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