

Converting Colors

XYZ(23.4824, 28.8165, 39.2934)

Have a look what the booklet for
XYZ(23.4824, 28.8165, 39.2934)
contains.

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Color

**XYZ(23.4592, 28.7197,
39.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	629BA4
RGB	98, 155, 164
RGB Percent	38%, 61%, 64%
CMY	0.6157, 0.3921, 0.3569
CMYK	0.40, 0.05, 0.00, 0.36
HSL	188°, 27%, 51%
HSV	188°, 40%, 64%
XYZ	23.4592, 28.7197, 39.4290
YIQ	138.9830, -36.8610, -9.2850

Conversions

Conversions Part 2

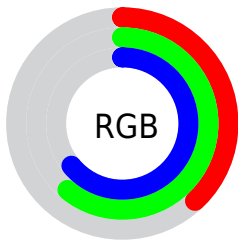
Format	Color
R_{YB}	98, 129, 164
Decimal	6462372
CIE _{Lab}	60.53, -16.25, -10.60
CIE _{LCh}	61, 19.400, 213.122
Yxy	28.7197, 0.2561, 0.3135
Android (android.graphics.Color)	4284652452 (0xFF629BA4)
YUV	138.9830, 12.3334, -35.9421
Hunter-Lab	53.5908, -15.6460, -6.1086

Details

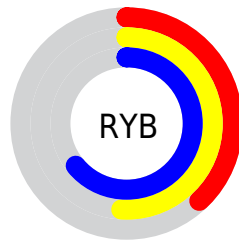
The XYZ color **23.4592, 28.7197, 39.4290** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.7726, 19.2902, 14.0791**, and the grayscale version is **24.4990, 25.7748, 28.0688**.

A 20% lighter version of the original color is **48.7817, 57.8831, 75.6193**, and **8.9571, 11.6284, 17.1016** is the 20% darker color. If you saturate the color by 10%, you get **21.4993, 27.1626, 39.2323**, and if you desaturate by 10%, it is **25.7903, 30.4797, 39.6463**.

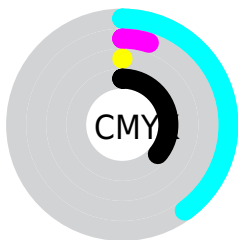
Distribution



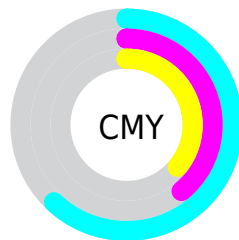
- Red (38%)
- Green (61%)
- Blue (64%)



- Red (38%)
- Yellow (51%)
- Blue (64%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (62%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4592, 28.7197, 39.4290 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 23.4592, 28.7197, 39.4290 by changing the saturation by 10% instead.

■ 23.4592, 28.7197,
39.4290

■ 23.4592, 28.7197,
39.4290

262.5664,
295.8901, 359.1913

■ 15.0555, 18.8689,
26.7832

■ 48.6074, 57.6314,
75.5208

■ 8.9449, 11.5756,
17.1795

■ 66.0825, 77.4612,
99.8039

■ 4.7621, 6.4554,
10.1992

■ 87.3123, 101.3860,
128.8031

■ 2.1417, 3.1239,
5.4239

■ 112.6619,
129.7903, 162.9371

■ 0.7117, 1.1968,
2.4350

142.4967,
163.0584, 202.6244

■ 0.0000, 0.0591,
0.8054

177.1822,

■ 0.0000, 0.0000,

201.5749, 248.2835

0.0000

217.0836,
245.7240, 300.3329

■ 23.4592, 28.7197,
39.4290

■ 23.4592, 28.7197,
39.4290

■ 21.4993, 27.1626,
39.2323

■ 25.7903, 30.4797,
39.6463

■ 19.8856, 25.7936,
39.0531

■ 28.5105, 32.4499,
39.8833

■ 18.5943, 24.6008,
38.8909

■ 31.6395, 34.6411,
40.1413

■ 17.5971, 23.5698,
38.7444

■ 35.1950, 37.0627,
40.4213

■ 16.8611, 22.6834,
38.6121

■ 39.1936, 39.7231,
40.7241

■ 16.3206, 21.9197,
38.4932

■ 43.6511, 42.6305,
41.0503

■ 48.5824, 45.7928,
41.4008

■ 54.0018, 49.2173,
41.7762

■ 59.9229, 52.9111,
42.1771

Harmonies

Analogous

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



22.7653, 28.7197, 32.0280



23.4592, 28.7197, 39.4290



25.1773, 28.7197, 45.2572

Triad

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



23.4592, 28.7197, 39.4290



31.8222, 28.7197, 37.9301



27.0358, 28.7197, 19.4217

Complementary

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



23.4592, 28.7197, 39.4290



22.7726, 19.2902, 14.0791

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.



29.5329, 28.7197, 20.5112



23.4592, 28.7197, 39.4290



32.3939, 28.7197, 30.5258

Square

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



23.4592, 28.7197, 39.4290



30.0142, 28.7197, 44.3030



31.5325, 28.7197, 24.3236



24.7494, 28.7197, 21.0835

Rectangle

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



23.4592, 28.7197, 39.4290



26.7245, 28.7197, 47.0601



31.5325, 28.7197, 24.3236



27.8781, 28.7197, 19.4791

Sweetspot

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



23.4601, 28.7208, 39.4297



56.2433, 62.0571, 72.7662



20.9565, 30.2055, 18.5813



12.1406, 13.4589, 15.8955



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.



23.4601, 28.7208, 39.4297



39.4636, 49.6626, 71.2582



18.7227, 19.2460, 37.8505



7.1934, 7.8458, 9.0383



12.5391, 16.8576, 29.5227



0.2847, 0.3967, 0.6274

Inverse Universe

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



25.5947, 18.9952, 33.3290



43.9630, 29.9578, 58.2204



26.8640, 27.4728, 15.4429



7.3226, 7.1855, 8.6852



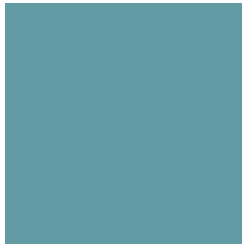
15.4746, 7.5459, 20.2218



0.3359, 0.1628, 0.4814

Previews

White Background



This preview shows how the XYZ color 23.4592, 28.7197, 39.4290 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 23.4592, 28.7197, 39.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

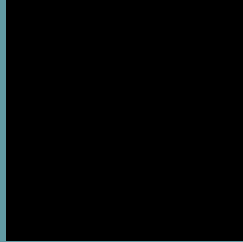
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4592, 28.7197, 39.4290

Background



This preview shows how black text looks on a background with the XYZ color 23.4592, 28.7197, 39.4290.

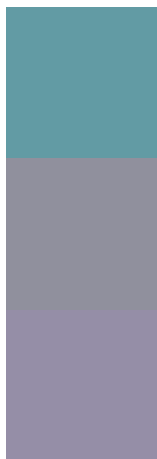


This preview shows how white text looks on a background with the XYZ color 23.4592, 28.7197,

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

23.4592, 28.7197, 39.4290

Protanopia

27.5607, 28.3101, 35.9101

Deuteranopia

29.0425, 28.5256, 40.5345



Tritanopia

23.8420, 28.8854, 40.8780

Trichromacy



Original Color

23.4592, 28.7197, 39.4290

Protanomaly

25.6875, 28.2299, 37.3527

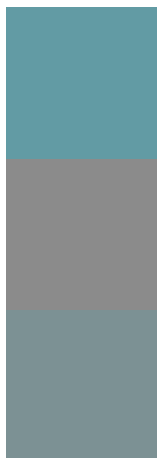
Deuteranomaly

26.5226, 28.3664, 40.1538

Tritanomaly

23.7499, 28.8485, 40.3930

Monochromacy



Original Color

23.4592, 28.7197, 39.4290

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.7829, 26.6740, 31.9121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4592, 28.7197, 39.4290 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(98, 155, 164) looks like.

```
.text, #text, p{  
    color:rgb(98, 155, 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(98, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 155, 164) }
```

Border

The CSS property to change the border of an element to XYZ 23.4592, 28.7197, 39.4290 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(98, 155, 164) }
```


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

```
.border{ border-color:rgb(98, 155, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 155, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 155, 164);  
box-shadow:4px 4px 4px 4px rgb(98, 155,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4592, 28.7197, 39.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 155, 164) }
```

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

```
.background{ background-color: rgb(98, 155,  
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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