

Converting Colors

XYZ(23.8954, 29.4176, 40.0314)

Have a look what the booklet for
XYZ(23.8954, 29.4176, 40.0314)
contains.

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Color

**XYZ(23.8855, 29.4272,
40.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	629DA5
RGB	98, 157, 165
RGB Percent	38%, 62%, 65%
CMY	0.6157, 0.3843, 0.3529
CMYK	0.41, 0.05, 0.00, 0.35
HSL	187°, 27%, 52%
HSV	187°, 41%, 65%
XYZ	23.8855, 29.4272, 40.0184
YIQ	140.2710, -37.7320, -10.0200

Conversions

Conversions Part 2

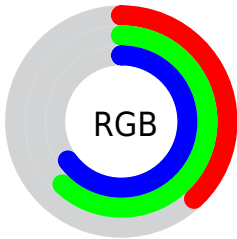
Format	Color
R_{YB}	98, 129, 165
Decimal	6462885
CIE _{Lab}	61.16, -17.05, -10.23
CIE _{LCh}	61, 19.882, 210.976
Yxy	29.4272, 0.2559, 0.3153
Android (android.graphics.Color)	4284652965 (0xFF629DA5)
YUV	140.2710, 12.1914, -37.0717
Hunter-Lab	54.2468, -16.3364, -5.7660

Details

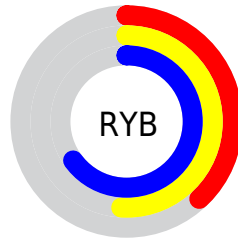
The XYZ color **23.8855, 29.4272, 40.0184** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8762, 19.1897, 14.0543**, and the grayscale version is **24.9979, 26.2998, 28.6404**.

A 20% lighter version of the original color is **49.4106, 58.9297, 76.4805**, and **9.2169, 12.0582, 17.4645** is the 20% darker color. If you saturate the color by 10%, you get **21.9551, 27.9419, 39.8340**, and if you desaturate by 10%, it is **26.1901, 31.1147, 40.2232**.

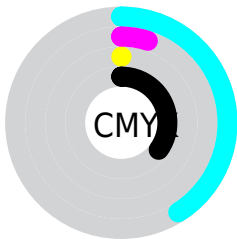
Distribution



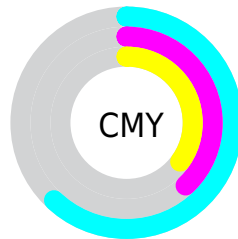
- Red (38%)
- Green (62%)
- Blue (65%)



- Red (38%)
- Yellow (51%)
- Blue (65%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8855, 29.4272, 40.0184 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 23.8855, 29.4272, 40.0184 by changing the saturation by 10% instead.

■ 23.8855, 29.4272,
40.0184

■ 23.8855, 29.4272,
40.0184

264.6923,
299.2253, 361.7555

■ 15.3730, 19.4042,
27.2390

■ 49.2993, 58.7551,
76.4289

■ 9.1696, 11.9627,
17.5188

■ 66.9313, 78.8289,
100.8971

■ 4.9100, 6.7183,
10.4392

■ 88.3339, 103.0217,
130.0987

■ 2.2287, 3.2866,
5.5817

■ 113.8724,
131.7180, 164.4521

■ 0.7578, 1.2831,
2.5278

143.9121,
165.3020, 204.3760

■ 0.0000, 0.1281,
0.8548

178.8184,

■ 0.0000, 0.0000,

204.1584, 250.2888

0.0000

218.9567,
248.6713, 302.6091

■ 23.8855, 29.4272,
40.0184

■ 23.8855, 29.4272,
40.0184

■ 21.9551, 27.9419,
39.8340

■ 26.1901, 31.1147,
40.2232

■ 20.3734, 26.6437,
39.6668

■ 28.8870, 33.0118,
40.4472

■ 19.1160, 25.5206,
39.5162

■ 31.9963, 35.1295,
40.6921

■ 18.1544, 24.5578,
39.3811

■ 35.5360, 37.4772,
40.9587

■ 17.4545, 23.7377,
39.2597

■ 39.5230, 40.0636,
41.2478

■ 16.9634, 23.0602,
39.1548

■ 43.9733, 42.8970,
41.5601

■ 48.9021, 45.9853,
41.8964

■ 54.3238, 49.3359,
42.2574

■ 60.2524, 52.9561,
42.6437

Harmonies

Analogous

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



23.2480, 29.4272, 32.2865



23.8855, 29.4272, 40.0184



25.6058, 29.4272, 46.3163

Triad

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



23.8855, 29.4272, 40.0184



32.5892, 29.4272, 39.5290



27.8843, 29.4272, 19.7167

Complementary

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



23.8855, 29.4272, 40.0184



22.8762, 19.1897, 14.0543

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.



30.4747, 29.4272, 21.0494



23.8855, 29.4272, 40.0184



33.2909, 29.4272, 31.7972

Square

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



23.8855, 29.4272, 40.0184



30.6316, 29.4272, 46.0043



32.4947, 29.4272, 25.2015



25.4666, 29.4272, 21.2348

Rectangle

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



23.8855, 29.4272, 40.0184



27.1902, 29.4272, 48.4268



32.4947, 29.4272, 25.2015



28.7639, 29.4272, 19.8441

Sweetspot

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



23.8864, 29.4284, 40.0191



56.3515, 62.2736, 72.8023



21.0848, 30.5443, 18.3709



12.1665, 13.5108, 15.9041



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.



23.8864, 29.4284, 40.0191



39.5428, 50.2182, 71.3613



18.9973, 19.6501, 38.3894



7.2036, 7.8662, 9.0417



12.8568, 17.4930, 29.6286



0.2891, 0.4055, 0.6289

Inverse Universe

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



25.9713, 19.1698, 34.2308



43.9061, 29.5639, 59.0648



27.0008, 27.4389, 15.4292



7.3278, 7.1876, 8.7123



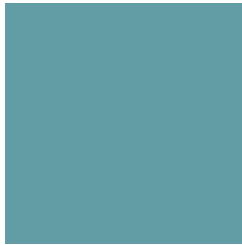
15.6350, 7.6100, 21.0662



0.3381, 0.1637, 0.4931

Previews

White Background



This preview shows how the XYZ color 23.8855, 29.4272, 40.0184 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 23.8855, 29.4272, 40.0184 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 23.8855, 29.4272, 40.0184

Background



This preview shows how black text looks on a background with the XYZ color 23.8855, 29.4272, 40.0184.



This preview shows how white text looks on a background with the XYZ color 23.8855, 29.4272,

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

23.8855, 29.4272, 40.0184

Protanopia

28.3045, 29.1374, 36.4800

Deuteranopia

29.6528, 29.0514, 41.0904



Tritanopia

24.1955, 29.2942, 41.9152

Trichromacy



Original Color

23.8855, 29.4272, 40.0184

Protanomaly

26.3926, 29.0530, 37.9350

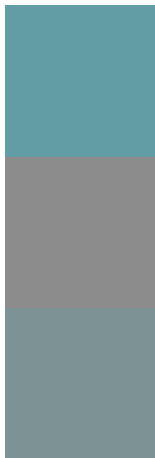
Deuteranomaly

27.0807, 28.8754, 40.7054

Tritanomaly

24.1019, 29.2567, 41.4226

Monochromacy



Original Color

23.8855, 29.4272, 40.0184

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1611, 27.0877, 32.3888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8855, 29.4272, 40.0184 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, 157, 165) looks like.

```
.text, #text, p{  
    color:rgb(98, 157, 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(98, 157, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 157, 165) }
```

Border

The CSS property to change the border of an element to XYZ 23.8855, 29.4272, 40.0184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

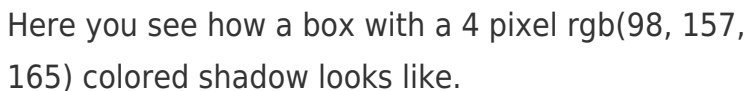
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 157, 165) }
```


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

```
.border{ border-color:rgb(98, 157, 165) }
```

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



Here you see how a box with a 4 pixel rgb(98, 157, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 157, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 157, 165);  
box-shadow:4px 4px 4px 4px rgb(98, 157,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8855, 29.4272, 40.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 157, 165) }
```

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

```
.background{ background-color: rgb(98, 157,  
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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