

Converting Colors

XYZ(23.5297, 28.2450, 40.2881)

Have a look what the booklet for
XYZ(23.5297, 28.2450, 40.2881)
contains.

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Color

**XYZ(23.5297, 28.2450,
40.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	6499A6
RGB	100, 153, 166
RGB Percent	39%, 60%, 65%
CMY	0.6078, 0.4000, 0.3490
CMYK	0.40, 0.08, 0.00, 0.35
HSL	192°, 27%, 52%
HSV	192°, 40%, 65%
XYZ	23.5297, 28.2450, 40.2881
YIQ	138.6350, -35.7610, -7.1930

Conversions

Conversions Part 2

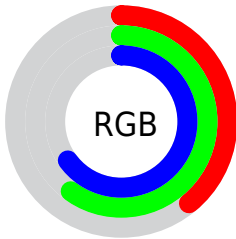
Format	Color
R_{YB}	100, 129, 166
Decimal	6592934
CIE _{Lab}	60.11, -14.11, -12.36
CIE _{LCh}	60, 18.755, 221.224
Yxy	28.2450, 0.2556, 0.3068
Android (android.graphics.Color)	4284783014 (0xFF6499A6)
YUV	138.6350, 13.4909, -33.8829
Hunter-Lab	53.1460, -13.9770, -7.7434

Details

The XYZ color **23.5297, 28.2450, 40.2881** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9317, 20.8377, 14.8180**, and the grayscale version is **24.3608, 25.6294, 27.9105**.

A 20% lighter version of the original color is **48.6904, 56.7161, 76.7877**, and **8.9609, 11.3220, 17.6327** is the 20% darker color. If you saturate the color by 10%, you get **21.3498, 26.3383, 40.0355**, and if you desaturate by 10%, it is **26.1001, 30.3761, 40.5645**.

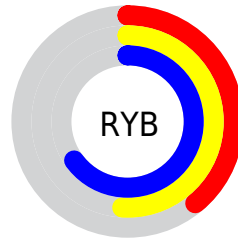
Distribution



Red (39%)

Green (60%)

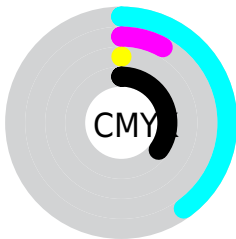
Blue (65%)



Red (39%)

Yellow (51%)

Blue (65%)

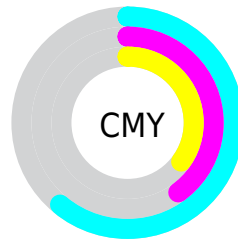


Cyan (40%)

Magenta (8%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5297, 28.2450, 40.2881 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 23.5297, 28.2450, 40.2881 by changing the saturation by 10% instead.

■ 23.5297, 28.2450,
40.2881

■ 23.5297, 28.2450,
40.2881

262.9189,
293.6358, 362.9245

■ 15.1080, 18.5104,
27.4477

■ 48.7219, 56.8754,
76.8439

■ 8.9820, 11.3171,
17.6744

■ 66.2231, 76.5399,
101.3964

■ 4.7865, 6.2805,
10.5494

■ 87.4815, 100.2833,
130.6901

■ 2.1560, 3.0164,
5.6544

■ 112.8625,
128.4898, 165.1435

■ 0.7194, 1.1403,
2.5707

142.7313,
161.5440, 205.1750

■ 0.0000, 0.0121,
0.8773

177.4535,

■ 0.0000, 0.0000,

199.8301, 251.2034

0.0000

217.3942,
243.7325, 303.6470

■ 23.5297, 28.2450,
40.2881

■ 23.5297, 28.2450,
40.2881

■ 21.3498, 26.3383,
40.0355

■ 26.1001, 30.3761,
40.5645

■ 19.5348, 24.6407,
39.8034

■ 29.0794, 32.7392,
40.8636

■ 18.0602, 23.1400,
39.5915

■ 32.4881, 35.3459,
41.1870

■ 16.8969, 21.8210,
39.3982

■ 36.3444, 38.2055,
41.5357

■ 16.0111, 20.6661,
39.2220

■ 40.6653, 41.3271,
41.9105

■ 15.3287, 19.6370,
39.0593

■ 45.4672, 44.7192,
42.3122

■ 15.3127, 19.6126,
39.0555

■ 50.7655, 48.3900,
42.7415

■ 56.5749, 52.3472,
43.1991

■ 62.9095, 56.5983,
43.6858

Harmonies

Analogous

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



22.5783, 28.2450, 33.3927



23.5297, 28.2450, 40.2881



25.3911, 28.2450, 45.0043

Triad

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



23.5297, 28.2450, 40.2881



31.4455, 28.2450, 35.1966



25.9598, 28.2450, 19.5483

Complementary

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



23.5297, 28.2450, 40.2881



23.9317, 20.8377, 14.8180

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.



28.3555, 28.2450, 19.8825



23.5297, 28.2450, 40.2881



31.6203, 28.2450, 28.2581

Square

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



23.5297, 28.2450, 40.2881



29.9960, 28.2450, 41.7765



30.4602, 28.2450, 22.8569



23.9246, 28.2450, 21.8639

Rectangle

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



23.5297, 28.2450, 40.2881



26.9445, 28.2450, 45.9110



30.4602, 28.2450, 22.8569



26.7478, 28.2450, 19.3646

Sweetspot

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



23.5306, 28.2461, 40.2888



57.3629, 62.9403, 74.6006



21.8226, 31.1544, 20.2224



12.6611, 13.9514, 16.6777



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.



23.5306, 28.2461, 40.2888



39.0632, 48.0854, 72.6978



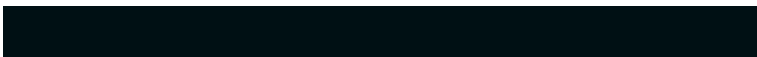
18.9643, 19.1137, 38.7667



7.6202, 8.2773, 9.6144



11.9071, 15.2743, 30.2962



0.3209, 0.4340, 0.7475

Inverse Universe

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



26.0335, 19.5220, 32.5342



44.4072, 30.4564, 55.9178



28.1674, 29.3091, 16.2299



7.7776, 7.6409, 9.1462



15.5107, 7.6130, 18.0329



0.3931, 0.1915, 0.5216

Previews

White Background



This preview shows how the XYZ color 23.5297, 28.2450, 40.2881 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 23.5297, 28.2450, 40.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

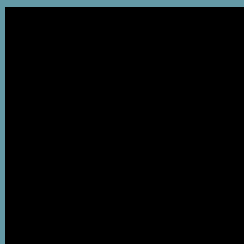
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

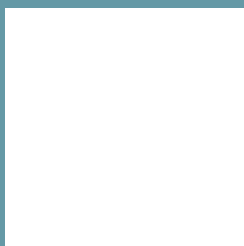
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5297, 28.2450, 40.2881

Background



This preview shows how black text looks on a background with the XYZ color 23.5297, 28.2450, 40.2881.



This preview shows how white text looks on a background with the XYZ color 23.5297, 28.2450,

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

23.5297, 28.2450, 40.2881

Protanopia

27.3230, 27.9338, 37.2094

Deuteranopia

28.7189, 28.1174, 41.4497



Tritanopia

23.4383, 28.2084, 39.8067

Trichromacy



Original Color

23.5297, 28.2450, 40.2881

Protanomaly

25.7077, 27.9881, 38.2297

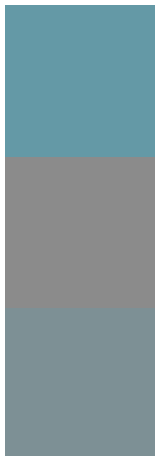
Deuteranomaly

26.3992, 27.8238, 41.0249

Tritanomaly

23.4383, 28.2084, 39.8067

Monochromacy



Original Color

23.5297, 28.2450, 40.2881

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.8555, 26.4764, 32.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5297, 28.2450, 40.2881 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(100, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(100, 153, 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(100, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 153, 166) }
```

Border

The CSS property to change the border of an element to XYZ 23.5297, 28.2450, 40.2881 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(100, 153, 166) }
```


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

```
.border{ border-color:rgb(100, 153, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(100, 153,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5297, 28.2450, 40.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 153, 166) }
```

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

```
.background{ background-color: rgb(100,  
153, 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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