

Converting Colors

XYZ(23.5615, 28.6610, 42.3211)

Have a look what the booklet for
XYZ(23.5615, 28.6610, 42.3211)
contains.

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Color

**XYZ(23.5931, 28.7247,
42.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9BAA
RGB	94, 155, 170
RGB Percent	37%, 61%, 67%
CMY	0.6314, 0.3921, 0.3333
CMYK	0.45, 0.09, 0.00, 0.33
HSL	192°, 31%, 52%
HSV	192°, 45%, 67%
XYZ	23.5931, 28.7247, 42.3311
YIQ	138.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

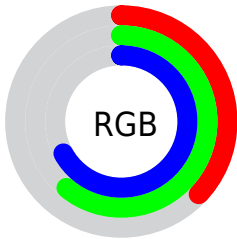
Format	Color
R _Y B	94, 128, 170
Decimal	6200234
CIE Lab	60.54, -15.67, -14.01
CIE LCh	61, 21.019, 221.792
Yxy	28.7247, 0.2493, 0.3035
Android (android.graphics.Color)	4284390314 (0xFF5E9BAA)
YUV	138.4710, 15.5438, -39.0011
Hunter-Lab	53.5954, -15.2150, -9.3120

Details

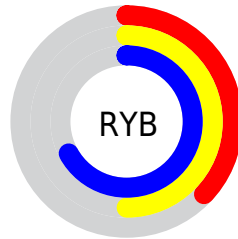
The XYZ color **23.5931, 28.7247, 42.3311** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0670, 20.2918, 13.2385**, and the grayscale version is **24.2919, 25.5569, 27.8315**.

A 20% lighter version of the original color is **48.8499, 57.8253, 79.8209**, and **9.0570, 11.6400, 18.9089** is the 20% darker color. If you saturate the color by 10%, you get **21.4878, 26.8226, 42.0754**, and if you desaturate by 10%, it is **26.0997, 30.8580, 42.6113**.

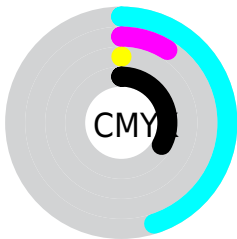
Distribution



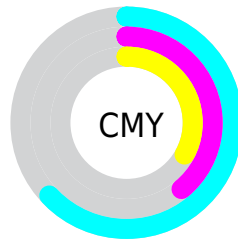
- Red (37%)
- Green (61%)
- Blue (67%)



- Red (37%)
- Yellow (50%)
- Blue (67%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5931, 28.7247, 42.3311 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 23.5931, 28.7247, 42.3311 by changing the saturation by 10% instead.

■ 23.5931, 28.7247,
42.3311

■ 23.5931, 28.7247,
42.3311

263.2356,
295.9138, 371.6937

■ 15.1552, 18.8727,
29.0331

■ 48.8249, 57.6394,
79.9760

■ 9.0154, 11.5783,
18.8601

■ 66.3495, 77.4708,
105.1600

■ 4.8084, 6.4572,
11.3934

■ 87.6336, 101.3976,
135.1431

■ 2.1689, 3.1250,
6.2146

■ 113.0427,
129.8039, 170.3438

■ 0.7263, 1.1974,
2.9051

142.9421,
163.0743, 211.1806

■ 0.0000, 0.0595,
1.0464

177.6972,

■ 0.0000, 0.0000,

201.5932, 258.0722

0.0000

217.6732,
245.7449, 311.4371

■ 23.5931, 28.7247,
42.3311

■ 23.5931, 28.7247,
42.3311

■ 21.4878, 26.8226,
42.0754

■ 26.0997, 30.8580,
42.6113

■ 19.7554, 25.1349,
41.8410

■ 29.0281, 33.2313,
42.9150

■ 18.3681, 23.6479,
41.6271

■ 32.4007, 35.8570,
43.2441

■ 17.2930, 22.3442,
41.4321

■ 36.2375, 38.7456,
43.5994

■ 16.4898, 21.2030,
41.2542

■ 40.5571, 41.9068,
43.9819

■ 16.1237, 20.6382,
41.1644

■ 45.3773, 45.3500,
44.3925

■ 50.7149, 49.0840,
44.8319

■ 56.5857, 53.1172,
45.3009

■ 63.0050, 57.4576,
45.8004

Harmonies

Analogous

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



22.5056, 28.7247, 34.4311



23.5931, 28.7247, 42.3311



25.7036, 28.7247, 47.7299

Triad

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



23.5931, 28.7247, 42.3311



32.5653, 28.7247, 36.1825



26.2493, 28.7247, 18.8089

Complementary

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



23.5931, 28.7247, 42.3311



24.0670, 20.2918, 13.2385

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.



28.9653, 28.7247, 19.1190



23.5931, 28.7247, 42.3311



32.7356, 28.7247, 28.3204

Square

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



23.5931, 28.7247, 42.3311



30.9295, 28.7247, 43.7948



31.3805, 28.7247, 22.3361



23.9698, 28.7247, 21.4044

Rectangle

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



23.5931, 28.7247, 42.3311



27.4655, 28.7247, 48.7189



31.3805, 28.7247, 22.3361



27.1391, 28.7247, 18.5902

Sweetspot

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



23.5940, 28.7258, 42.3318



59.7559, 65.7975, 78.5526



21.6946, 32.2110, 19.2433



13.0095, 14.4314, 17.4876



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5940, 28.7258, 42.3318



38.8917, 48.5770, 76.3284



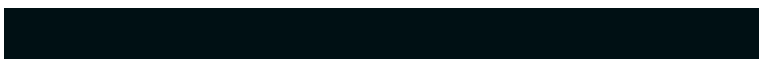
18.3587, 18.2552, 40.5867



7.6199, 8.2768, 9.6143



11.9000, 15.2603, 30.2938



0.3207, 0.4337, 0.7475

Inverse Universe

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



26.4973, 18.9187, 33.2667



45.0517, 29.1055, 56.7954



28.8671, 29.8920, 14.8386



7.7775, 7.6409, 9.1455



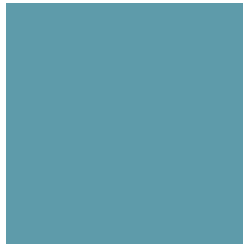
15.5072, 7.6116, 18.0142



0.3930, 0.1915, 0.5212

Previews

White Background



This preview shows how the XYZ color 23.5931, 28.7247, 42.3311 looks on a white background.

Color Contrast Check

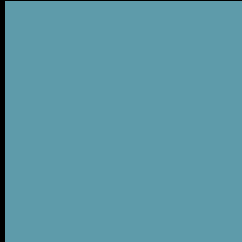
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5931, 28.7247, 42.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

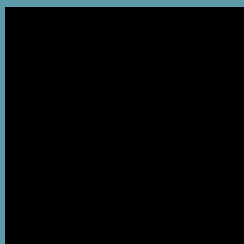
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

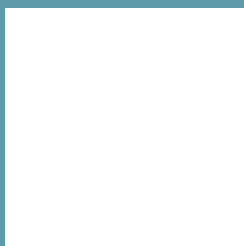
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5931, 28.7247, 42.3311

Background



This preview shows how black text looks on a background with the XYZ color 23.5931, 28.7247, 42.3311.



This preview shows how white text looks on a background with the XYZ color 23.5931, 28.7247,

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

23.5931, 28.7247, 42.3311

Protanopia

27.9118, 28.4305, 38.6669

Deuteranopia

29.0699, 28.4741, 43.4991



Tritanopia

23.3034, 28.5970, 41.3373

Trichromacy



Original Color

23.5931, 28.7247, 42.3311

Protanomaly

25.9303, 28.2930, 40.1708

Deuteranomaly

26.6325, 28.3580, 43.0997

Tritanomaly

23.3970, 28.6344, 41.8300

Monochromacy



Original Color

23.5931, 28.7247, 42.3311

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.5043, 26.2861, 32.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5931, 28.7247, 42.3311 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(94, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(94, 155, 170)  
}
```

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(94, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 155, 170) }
```

Border

The CSS property to change the border of an element to XYZ 23.5931, 28.7247, 42.3311 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(94, 155, 170) }
```


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

```
.border{ border-color:rgb(94, 155, 170) }
```

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

Here you see how a box with a 4 pixel rgb(94, 155, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(94, 155,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5931, 28.7247, 42.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 155, 170) }
```

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

```
.background{ background-color: rgb(94, 155,  
170) }
```

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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