

Converting Colors

XYZ(23.4743, 30.7693, 40.6777)

Have a look what the booklet for
XYZ(23.4743, 30.7693, 40.6777)
contains.

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Color

**XYZ(23.4598, 30.7414,
40.7736)**

Conversions

Conversions Part 1

Format	Color
Hex	52A3A6
RGB	82, 163, 166
RGB Percent	32%, 64%, 65%
CMY	0.6784, 0.3608, 0.3490
CMYK	0.51, 0.02, 0.00, 0.35
HSL	182°, 34%, 49%
HSV	182°, 51%, 65%
XYZ	23.4598, 30.7414, 40.7736
YIQ	139.1230, -49.2390, -16.2390

Conversions

Conversions Part 2

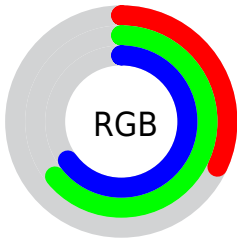
Format	Color
RYB	82, 123, 166
Decimal	5415846
CIELab	62.29, -23.81, -9.18
CIELCh	62, 25.518, 201.076
Yxy	30.7414, 0.2470, 0.3237
Android (android.graphics.Color)	4283605926 (0xFF52A3A6)
YUV	139.1230, 13.2504, -50.0969
Hunter-Lab	55.4449, -21.5019, -4.7898

Details

The XYZ color **23.4598, 30.7414, 40.7736** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.4979, 15.2137, 9.8396**, and the grayscale version is **24.5529, 25.8316, 28.1306**.

A 20% lighter version of the original color is **48.6038, 60.7665, 77.5740**, and **8.9354, 12.6939, 17.8988** is the 20% darker color. If you saturate the color by 10%, you get **22.0825, 29.8763, 40.6797**, and if you desaturate by 10%, it is **25.1886, 31.7899, 40.8854**.

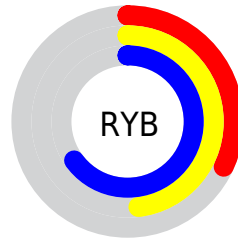
Distribution



Red (32%)

Green (64%)

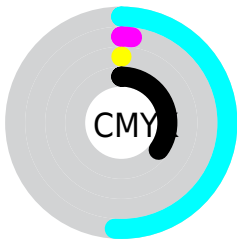
Blue (65%)



Red (32%)

Yellow (48%)

Blue (65%)

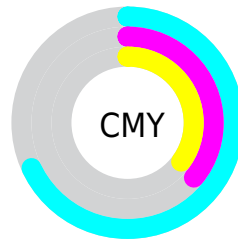


Cyan (51%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (68%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4598, 30.7414, 40.7736 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 23.4598, 30.7414, 40.7736 by changing the saturation by 10% instead.

■ 23.4598, 30.7414,
40.7736

■ 23.4598, 30.7414,
40.7736

262.5694,
305.3452, 365.0221

■ 15.0559, 20.4020,
27.8239

■ 48.6083, 60.8327,
77.5900

■ 8.9452, 12.6876,
17.9550

■ 66.0837, 81.3534,
102.2938

■ 4.7623, 7.2138,
10.7486

■ 87.3137, 106.0367,
131.7526

■ 2.1418, 3.5962,
5.7860

■ 112.6636,
135.2669, 166.3851

■ 0.7118, 1.4503,
2.6487

142.4987,
169.4284, 206.6097

■ 0.0000, 0.2534,
0.9175

177.1845,

■ 0.0000, 0.0000,

208.9058, 252.8451

0.0000

217.0863,
254.0832, 305.5097

■ 23.4598, 30.7414,
40.7736

■ 23.4598, 30.7414,
40.7736

■ 22.0825, 29.8763,
40.6797

■ 25.1886, 31.7899,
40.8854

■ 21.0284, 29.1778,
40.6005

■ 27.2892, 33.0301,
41.0141

■ 20.2693, 28.6320,
40.5352

■ 29.7837, 34.4741,
41.1613

■ 19.7708, 28.2214,
40.4822

■ 32.6915, 36.1319,
41.3280

■ 19.4669, 27.9210,
40.4402

■ 36.0309, 38.0129,
41.5151

■ 39.8190, 40.1260,
41.7233

■ 44.0720, 42.4795,
41.9534

■ 48.8053, 45.0813,
42.2062

■ 54.0336, 47.9390,
42.4822

Harmonies

Analogous

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



23.1474, 30.7414, 30.6130



23.4598, 30.7414, 40.7736



25.2489, 30.7414, 50.5199

Triad

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



23.4598, 30.7414, 40.7736



34.6851, 30.7414, 46.8721



30.2591, 30.7414, 18.0027

Complementary

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



23.4598, 30.7414, 40.7736



20.4979, 15.2137, 9.8396

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.



33.5844, 30.7414, 20.7688



23.4598, 30.7414, 40.7736



36.2685, 30.7414, 36.5041

Square

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



23.4598, 30.7414, 40.7736



31.6679, 30.7414, 54.4945



35.8506, 30.7414, 27.0990



26.8993, 30.7414, 18.6994

Rectangle

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



23.4598, 30.7414, 40.7736



27.1214, 30.7414, 54.8328



35.8506, 30.7414, 27.0990



31.4216, 30.7414, 18.5344

Sweetspot

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



23.4607, 30.7426, 40.7743



56.7668, 64.1181, 74.8594



18.7483, 29.7196, 13.3018



12.4663, 14.2131, 16.7385



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.



23.4607, 30.7426, 40.7743



39.7470, 54.0084, 73.8051



17.2251, 18.2713, 38.6958



7.7243, 8.4854, 9.6491



15.1030, 21.6661, 31.3615



0.3743, 0.5408, 0.7653

Inverse Universe

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



25.3548, 16.7867, 36.5554



43.6403, 25.8921, 65.0050



24.8131, 23.8441, 11.2780



7.8302, 7.6619, 9.4229



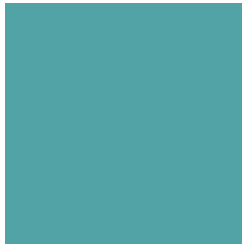
17.1239, 8.2583, 26.5276



0.4201, 0.2023, 0.6635

Previews

White Background



This preview shows how the XYZ color 23.4598, 30.7414, 40.7736 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.4598, 30.7414, 40.7736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

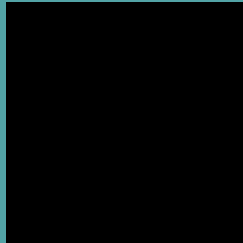
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.4598, 30.7414, 40.7736

Background



This preview shows how black text looks on a background with the XYZ color 23.4598, 30.7414, 40.7736.



This preview shows how white text looks on a background with the XYZ color 23.4598, 30.7414,

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

23.4598, 30.7414, 40.7736

Protanopia

29.4109, 30.4132, 36.2185

Deuteranopia

31.0522, 30.4286, 42.2669



Tritanopia

24.4045, 30.8671, 45.2291

Trichromacy



Original Color

23.4598, 30.7414, 40.7736

Protanomaly

26.3582, 30.0092, 37.6608

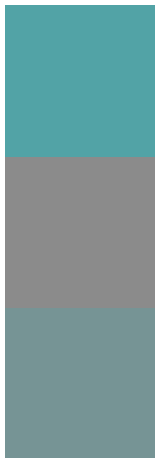
Deuteranomaly

27.2918, 29.9102, 41.8709

Tritanomaly

24.0229, 30.7040, 43.6901

Monochromacy



Original Color

23.4598, 30.7414, 40.7736

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.4859, 27.2013, 32.4463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4598, 30.7414, 40.7736 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(82, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(82, 163, 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(82, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 163, 166) }
```

Border

The CSS property to change the border of an element to XYZ 23.4598, 30.7414, 40.7736 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(82, 163, 166) }
```


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

```
.border{ border-color:rgb(82, 163, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(82, 163,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4598, 30.7414, 40.7736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 163, 166) }
```

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

```
.background{ background-color: rgb(82, 163,  
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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