

Converting Colors

XYZ(23.4449, 30.0245, 37.3605)

Have a look what the booklet for
XYZ(23.4449, 30.0245, 37.3605)
contains.

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Color

**XYZ(23.4449, 30.0245,
37.3605)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA09F
RGB	94, 160, 159
RGB Percent	37%, 63%, 62%
CMY	0.6314, 0.3725, 0.3765
CMYK	0.41, 0.00, 0.01, 0.37
HSL	179°, 26%, 50%
HSV	179°, 41%, 63%
XYZ	23.4449, 30.0245, 37.3605
YIQ	140.1520, -39.0150, -14.3030

Conversions

Conversions Part 2

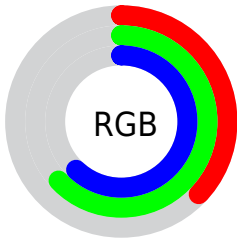
Format	Color
RYB	94, 127, 160
Decimal	6201503
CIELab	61.68, -21.23, -6.09
CIElCh	62, 22.091, 196.013
Yxy	30.0245, 0.2581, 0.3306
Android (android.graphics.Color)	4284391583 (0xFF5EA09F)
YUV	140.1520, 9.2921, -40.4753
Hunter-Lab	54.7946, -19.5160, -2.0693

Details

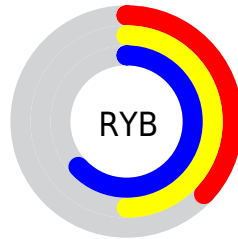
The XYZ color **23.4449, 30.0245, 37.3605** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5665, 16.3061, 12.8910**, and the grayscale version is **24.9629, 26.2629, 28.6003**.

A 20% lighter version of the original color is **48.6508, 59.7518, 72.5874**, and **8.9444, 12.2590, 16.0822** is the 20% darker color. If you saturate the color by 10%, you get **21.9504, 29.2572, 37.1813**, and if you desaturate by 10%, it is **25.2813, 30.9695, 37.5572**.

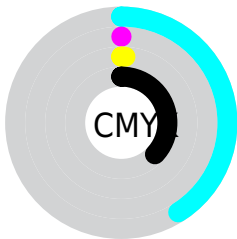
Distribution



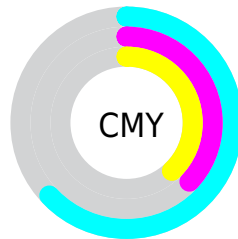
- Red (37%)
- Green (63%)
- Blue (62%)



- Red (37%)
- Yellow (50%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4449, 30.0245, 37.3605 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 23.4449, 30.0245, 37.3605 by changing the saturation by 10% instead.

■ 23.4449, 30.0245,
37.3605

■ 23.4449, 30.0245,
37.3605

262.4948,
302.0186, 350.0842

■ 15.0449, 19.8572,
25.1888

■ 48.5841, 59.7009,
72.3194

■ 8.9374, 12.2913,
15.9974

■ 66.0540, 79.9788,
95.9436

■ 4.7572, 6.9424,
9.3680

■ 87.2779, 104.3957,
124.2225

■ 2.1388, 3.4261,
4.8819

■ 112.6212,
133.3360, 157.5744

■ 0.7102, 1.3580,
2.1206

142.4491,
167.1840, 196.4180

■ 0.0000, 0.1855,
0.6280

177.1271,

■ 0.0000, 0.0000,

206.3242, 241.1718

0.0000

217.0206,
251.1409, 292.2544

■ 23.4449, 30.0245,
37.3605

■ 23.4449, 30.0245,
37.3605

■ 21.9504, 29.2572,
37.1813

■ 25.2813, 30.9695,
37.5572

■ 20.7741, 28.6532,
37.0165

■ 27.4763, 32.0986,
37.7703

■ 19.8931, 28.2015,
36.8658

■ 30.0488, 33.4223,
38.0013

■ 19.2809, 27.8883,
36.7279

■ 33.0154, 34.9492,
38.2509

■ 18.9056, 27.6973,
36.6013

■ 36.3918, 36.6874,
38.5199

■ 18.7063, 27.5966,
36.4967

■ 40.1930, 38.6445,
38.8090

■ 44.4329, 40.8278,
39.1189

■ 49.1251, 43.2442,
39.4501

■ 54.2825, 45.9005,
39.8033

Harmonies

Analogous

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



23.3996, 30.0245, 28.9353



23.4449, 30.0245, 37.3605



24.7914, 30.0245, 45.7675

Triad

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



23.4449, 30.0245, 37.3605



32.7977, 30.0245, 45.2630



29.9245, 30.0245, 19.3722

Complementary

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



23.4449, 30.0245, 37.3605



20.5665, 16.3061, 12.8910

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.



32.6429, 30.0245, 22.3786



23.4449, 30.0245, 37.3605



34.3771, 30.0245, 36.7596

Square

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



23.4449, 30.0245, 37.3605



30.1242, 30.0245, 50.8371



34.3186, 30.0245, 28.4288



27.0073, 30.0245, 19.4769

Rectangle

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



23.4449, 30.0245, 37.3605



26.3021, 30.0245, 49.8115



34.3186, 30.0245, 28.4288



30.8959, 30.0245, 20.0267

Sweetspot

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



23.4458, 30.0257, 37.3612



54.0680, 60.4309, 68.9541



19.3218, 28.3892, 15.0516



11.7292, 13.1872, 15.1114



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.4458, 30.0257, 37.3612



40.1746, 53.2853, 67.5490



18.6944, 20.3832, 36.2081



6.8175, 7.5078, 8.4736



14.5729, 21.4971, 28.4375



0.2618, 0.3849, 0.5150

Inverse Universe

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



20.5665, 16.3061, 12.8910



34.2604, 25.0975, 17.2807



23.9667, 23.1790, 13.8011



6.6369, 6.6477, 6.9393



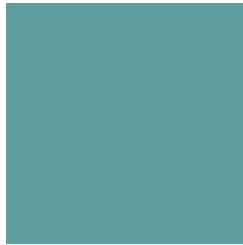
11.3050, 5.8266, 0.5910



0.2032, 0.1046, 0.0161

Previews

White Background



This preview shows how the XYZ color 23.4449, 30.0245, 37.3605 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 23.4449, 30.0245, 37.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

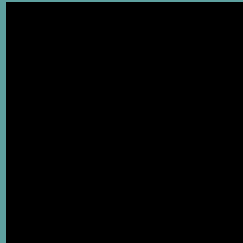
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.4449, 30.0245, 37.3605

Background



This preview shows how black text looks on a background with the XYZ color 23.4449, 30.0245, 37.3605.

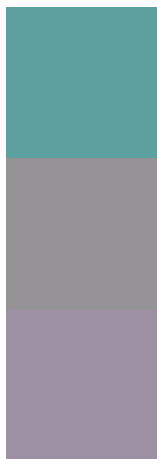


This preview shows how white text looks on a background with the XYZ color 23.4449, 30.0245,

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

23.4449, 30.0245, 37.3605

Protanopia

28.5973, 29.5858, 33.4816

Deuteranopia

30.2051, 29.6231, 38.3083



Tritanopia

24.5073, 29.9354, 43.0145

Trichromacy



Original Color

23.4449, 30.0245, 37.3605

Protanomaly

26.2669, 29.5354, 34.8883

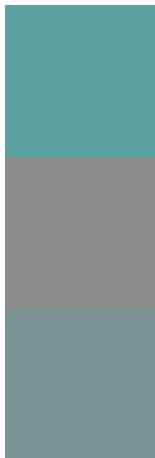
Deuteranomaly

27.0122, 29.3724, 37.9640

Tritanomaly

24.1971, 30.0731, 41.0886

Monochromacy



Original Color

23.4449, 30.0245, 37.3605

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.8686, 27.1850, 31.5930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4449, 30.0245, 37.3605 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, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(94, 160, 159)  
}
```

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, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 159) }
```

Border

The CSS property to change the border of an element to XYZ 23.4449, 30.0245, 37.3605 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, 160, 159) }
```


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

```
.border{ border-color:rgb(94, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4449, 30.0245, 37.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 160, 159) }
```

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

```
.background{ background-color: rgb(94, 160,  
159) }
```

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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