

Converting Colors

XYZ(23.0247, 28.4286, 34.3724)

Have a look what the booklet for
XYZ(23.0247, 28.4286, 34.3724)
contains.

XYZ(23.0143, 28.3542, 34.3969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.0143, 28.3542,
34.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	689A99
RGB	104, 154, 153
RGB Percent	41%, 60%, 60%
CMY	0.5921, 0.3961, 0.4000
CMYK	0.32, 0.00, 0.01, 0.40
HSL	179°, 20%, 51%
HSV	179°, 32%, 60%
XYZ	23.0143, 28.3542, 34.3969
YIQ	138.9360, -29.4790, -10.9110

Conversions

Conversions Part 2

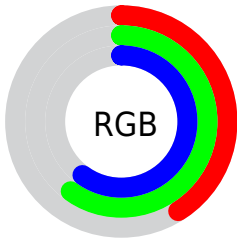
Format	Color
RYB	104, 129, 154
Decimal	6855321
CIELab	60.21, -16.84, -4.82
CIElCh	60, 17.514, 195.975
Yxy	28.3542, 0.2683, 0.3306
Android (android.graphics.Color)	4285045401 (0xFF689A99)
YUV	138.9360, 6.9336, -30.6389
Hunter-Lab	53.2487, -16.0367, -1.0253

Details

The XYZ color **23.0143, 28.3542, 34.3969** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8276, 17.7914, 15.7021**, and the grayscale version is **24.4989, 25.7748, 28.0688**.

A 20% lighter version of the original color is **47.9676, 57.2740, 67.5583**, and **8.7167, 11.4167, 14.3146** is the 20% darker color. If you saturate the color by 10%, you get **21.3622, 27.5062, 34.1873**, and if you desaturate by 10%, it is **24.9946, 29.3728, 34.6234**.

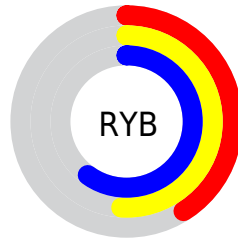
Distribution



Red (41%)

Green (60%)

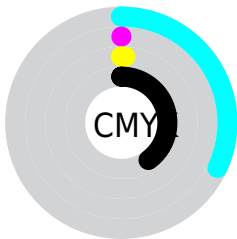
Blue (60%)



Red (41%)

Yellow (51%)

Blue (60%)

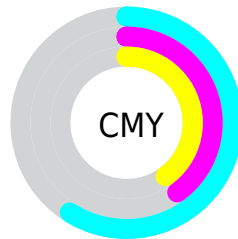


Cyan (32%)

Magenta (0%)

Yellow (1%)

Black (40%)



Cyan (59%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0143, 28.3542, 34.3969 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 23.0143, 28.3542, 34.3969 by changing the saturation by 10% instead.

■ 23.0143, 28.3542,
34.3969

■ 23.0143, 28.3542,
34.3969

260.3324,
294.1556, 336.7212

■ 14.7248, 18.5928,
22.9189

■ 47.8833, 57.0494,
67.6913

■ 8.7115, 11.3764,
14.3289

■ 65.1935, 76.7521,
90.3448

■ 4.6091, 6.3206,
8.2084

■ 86.2414, 100.5373,
117.5605

■ 2.0522, 3.0410,
4.1389

■ 111.3922,
128.7895, 149.7570

■ 0.6630, 1.1532,
1.7019

141.0113,
161.8930, 187.3527

■ 0.0000, 0.0230,
0.3620

175.4642,

■ 0.0000, 0.0000,

200.2323, 230.7663

0.0000

215.1161,
244.1917, 280.4163

■ 23.0143, 28.3542,
34.3969

■ 23.0143, 28.3542,
34.3969

■ 21.3622, 27.5062,
34.1873

■ 24.9946, 29.3728,
34.6234

■ 20.0180, 26.8162,
33.9918

■ 27.3171, 30.5672,
34.8657

■ 18.9632, 26.2753,
33.8102

■ 29.9978, 31.9462,
35.1251

■ 18.1758, 25.8723,
33.6415

■ 33.0513, 33.5173,
35.4023

■ 17.6313, 25.5945,
33.4845

■ 36.4912, 35.2877,
35.6979

■ 17.3003, 25.4267,
33.3378

■ 40.3303, 37.2638,
36.0125

■ 17.1353, 25.3439,
33.2315

■ 44.5810, 39.4522,
36.3468

■ 49.2552, 41.8588,
36.7012

■ 54.3640, 44.4895,
37.0763

Harmonies

Analogous

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



22.9801, 28.3542, 27.9766



23.0143, 28.3542, 34.3969



24.0636, 28.3542, 40.6280

Triad

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



23.0143, 28.3542, 34.3969



30.1698, 28.3542, 40.2723



28.0081, 28.3542, 20.3773

Complementary

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



23.0143, 28.3542, 34.3969



20.8276, 17.7914, 15.7021

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.



30.0581, 28.3542, 22.8194



23.0143, 28.3542, 34.3969



31.3522, 28.3542, 33.9625

Square

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



23.0143, 28.3542, 34.3969



28.1537, 28.3542, 44.3279



31.3102, 28.3542, 27.5982



25.7807, 28.3542, 20.4599

Rectangle

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



23.0143, 28.3542, 34.3969



25.2326, 28.3542, 43.5778



31.3102, 28.3542, 27.5982



28.7433, 28.3542, 20.9138

Sweetspot

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



23.0151, 28.3553, 34.3976



50.6674, 56.0633, 63.4377



19.9595, 27.1556, 17.2869



11.3306, 12.6188, 14.3452



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.0151, 28.3553, 34.3976



39.5544, 50.3502, 62.2012



19.6141, 21.4203, 33.6739



6.3792, 7.0244, 7.9205



13.9616, 20.6481, 27.0822



0.2102, 0.3093, 0.4125

Inverse Universe

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



20.8276, 17.7914, 15.7021



34.9444, 28.0841, 22.8003



23.4586, 23.1355, 16.3265



6.2136, 6.2246, 6.5047



10.8728, 5.6034, 0.5892



0.1637, 0.0842, 0.0150

Previews

White Background



This preview shows how the XYZ color 23.0143, 28.3542, 34.3969 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 23.0143, 28.3542, 34.3969 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

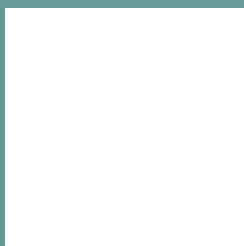
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0143, 28.3542, 34.3969

Background



This preview shows how black text looks on a background with the XYZ color 23.0143, 28.3542, 34.3969.

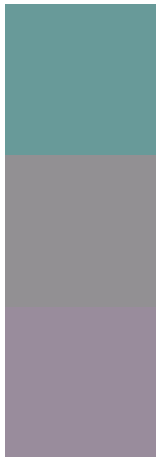


This preview shows how white text looks on a background with the XYZ color 23.0143, 28.3542,

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

23.0143, 28.3542, 34.3969

Protanopia

27.0938, 28.1641, 31.6120

Deuteranopia

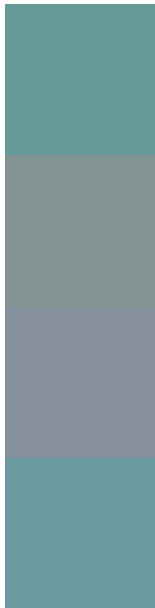
28.5157, 27.9288, 35.3403



Tritanopia

23.9925, 28.2626, 39.3126

Trichromacy



Original Color

23.0143, 28.3542, 34.3969

Protanomaly

25.3748, 28.1750, 32.5347

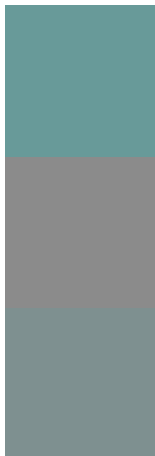
Deuteranomaly

26.0335, 27.7683, 34.9980

Tritanomaly

23.6803, 28.3847, 37.4884

Monochromacy



Original Color

23.0143, 28.3542, 34.3969

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.6115, 26.3958, 30.2360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0143, 28.3542, 34.3969 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(104, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(104, 154, 153)  
}
```

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(104, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 154, 153) }
```

Border

The CSS property to change the border of an element to XYZ 23.0143, 28.3542, 34.3969 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(104, 154, 153) }
```


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

```
.border{ border-color:rgb(104, 154, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 154, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(104, 154,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0143, 28.3542, 34.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 154, 153) }
```

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

```
.background{ background-color: rgb(104,  
154, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor