

Converting Colors

XYZ(23.3034, 28.8298, 43.3668)

Have a look what the booklet for
XYZ(23.3034, 28.8298, 43.3668)
contains.

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Color

**XYZ(23.2653, 28.7817,
43.3589)**

Conversions

Conversions Part 1

Format	Color
Hex	579CAC
RGB	87, 156, 172
RGB Percent	34%, 61%, 67%
CMY	0.6588, 0.3882, 0.3255
CMYK	0.49, 0.09, 0.00, 0.33
HSL	191°, 34%, 51%
HSV	191°, 49%, 67%
XYZ	23.2653, 28.7817, 43.3589
YIQ	137.1930, -46.2600, -9.6520

Conversions

Conversions Part 2

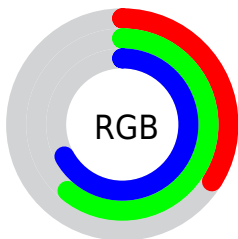
Format	Color
R_{YB}	87, 125, 172
Decimal	5741740
CIE _{Lab}	60.59, -17.35, -15.09
CIE _{LCh}	61, 22.997, 221.017
Y _{xy}	28.7817, 0.2439, 0.3017
Android (android.graphics.Color)	4283931820 (0xFF579CAC)
YUV	137.1930, 17.1599, -44.0193
Hunter-Lab	53.6486, -16.4765, -10.3643

Details

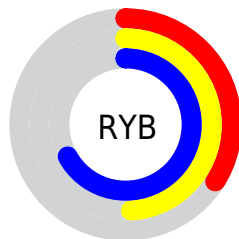
The XYZ color **23.2653, 28.7817, 43.3589** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5844, 19.1598, 11.4728**, and the grayscale version is **23.8012, 25.0408, 27.2694**.

A 20% lighter version of the original color is **48.3147, 57.8854, 81.2996**, and **8.8937, 11.6922, 19.5574** is the 20% darker color. If you saturate the color by 10%, you get **21.3109, 26.9790, 43.1145**, and if you desaturate by 10%, it is **25.6185, 30.8128, 43.6274**.

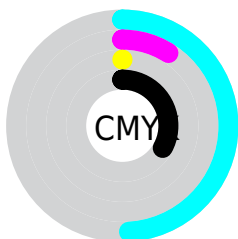
Distribution



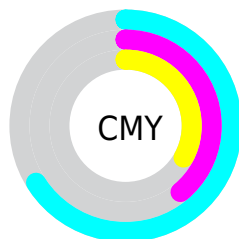
- Red (34%)
- Green (61%)
- Blue (67%)



- Red (34%)
- Yellow (49%)
- Blue (67%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2653, 28.7817, 43.3589 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 23.2653, 28.7817, 43.3589 by changing the saturation by 10% instead.

■ 23.2653, 28.7817,
43.3589

■ 23.2653, 28.7817,
43.3589

261.5947,
296.1836, 376.0502

■ 14.9113, 18.9157,
29.8333

■ 48.2920, 57.7301,
81.5443

■ 8.8431, 11.6094,
19.4611

■ 65.6955, 77.5813,
107.0413

■ 4.6952, 6.4783,
11.8238

■ 86.8461, 101.5297,
137.3658

■ 2.1025, 3.1380,
6.5027

■ 112.1093,
129.9597, 172.9363

■ 0.6906, 1.2042,
3.0794

141.8504,
163.2557, 214.1715

■ 0.0000, 0.0651,
1.1353

176.4348,

■ 0.0000, 0.0000,

201.8021, 261.4898

0.0000

216.2277,
245.9832, 315.3099

■ 23.2653, 28.7817,
43.3589

■ 23.2653, 28.7817,
43.3589

■ 21.3109, 26.9790,
43.1145

■ 25.6185, 30.8128,
43.6274

■ 19.7250, 25.3870,
42.8908

■ 28.3929, 33.0820,
43.9192

■ 18.4771, 23.9904,
42.6870

■ 31.6124, 35.6024,
44.2360

■ 17.5301, 22.7699,
42.5013

■ 35.2980, 38.3852,
44.5789

■ 16.8102, 21.6873,
42.3303

■ 39.4696, 41.4406,
44.9488

■ 16.7701, 21.6258,
42.3205

■ 44.1460, 44.7786,
45.3466

■ 49.3447, 48.4082,
45.7732

■ 55.0825, 52.3384,
46.2294

■ 61.3755, 56.5776,
46.7159

Harmonies

Analogous

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



22.1194, 28.7817, 34.5727



23.2653, 28.7817, 43.3589



25.5383, 28.7817, 49.5110

Triad

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



23.2653, 28.7817, 43.3589



33.1262, 28.7817, 36.9717



26.2781, 28.7817, 17.8577

Complementary

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



23.2653, 28.7817, 43.3589



23.5844, 19.1598, 11.4728

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.



29.2583, 28.7817, 18.2654



23.2653, 28.7817, 43.3589



33.3603, 28.7817, 28.3123

Square

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



23.2653, 28.7817, 43.3589



31.2823, 28.7817, 45.3866



31.9004, 28.7817, 21.7742



23.7730, 28.7817, 20.5368

Rectangle

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



23.2653, 28.7817, 43.3589



27.4578, 28.7817, 50.7251



31.9004, 28.7817, 21.7742



27.2548, 28.7817, 17.6528

Sweetspot

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



23.2662, 28.7828, 43.3596



60.0175, 66.6225, 80.5019



21.1110, 32.5028, 17.8844



12.7545, 14.2592, 17.4678



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.



23.2662, 28.7828, 43.3596



38.4570, 48.7472, 78.1880



17.3855, 17.0215, 41.3994



8.1063, 8.8119, 10.2263



12.5171, 16.1680, 31.5055



0.3808, 0.5150, 0.8873

Inverse Universe

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



26.4229, 17.9881, 33.5330



45.0567, 27.7121, 57.2998



28.8723, 29.7358, 13.2354



8.2714, 8.1218, 9.7402



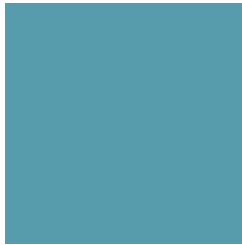
16.1817, 7.9352, 19.1340



0.4666, 0.2273, 0.6190

Previews

White Background



This preview shows how the XYZ color 23.2653, 28.7817, 43.3589 looks on a white background.

Color Contrast Check

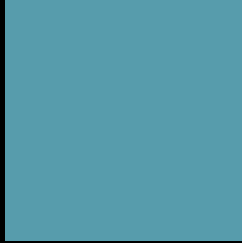
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2653, 28.7817, 43.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

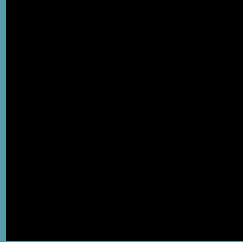
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

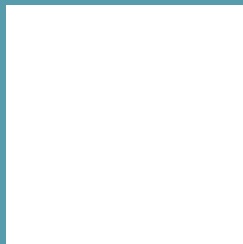
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2653, 28.7817, 43.3589

Background



This preview shows how black text looks on a background with the XYZ color 23.2653, 28.7817, 43.3589.



This preview shows how white text looks on a background with the XYZ color 23.2653, 28.7817,

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

23.2653, 28.7817, 43.3589

Protanopia

27.8294, 28.3776, 39.1326

Deuteranopia

29.0879, 28.4609, 44.5178



Tritanopia

22.8877, 28.6199, 41.8540

Trichromacy



Original Color

23.2653, 28.7817, 43.3589

Protanomaly

25.5910, 28.1074, 40.6357

Deuteranomaly

26.3859, 28.2085, 44.0985

Tritanomaly

22.9819, 28.6576, 42.3504

Monochromacy



Original Color

23.2653, 28.7817, 43.3589

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.0860, 26.0705, 32.6695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2653, 28.7817, 43.3589 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(87, 156, 172)` looks like.

```
.text, #text, p{  
    color:rgb(87, 156, 172)  
}
```

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(87, 156, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 156, 172) }
```

Border

The CSS property to change the border of an element to XYZ 23.2653, 28.7817, 43.3589 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(87, 156, 172) }
```


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

```
.border{ border-color:rgb(87, 156, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 156, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 156, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 156, 172);  
box-shadow:4px 4px 4px 4px rgb(87, 156,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2653, 28.7817, 43.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 156, 172) }
```

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

```
.background{ background-color: rgb(87, 156,  
172) }
```

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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