

Converting Colors

XYZ(23.3585, 29.9899, 36.9053)

Have a look what the booklet for
XYZ(23.3585, 29.9899, 36.9053)
contains.

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Color

**XYZ(23.3585, 29.9899,
36.9053)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA09E
RGB	94, 160, 158
RGB Percent	37%, 63%, 62%
CMY	0.6314, 0.3725, 0.3804
CMYK	0.41, 0.00, 0.01, 0.37
HSL	178°, 26%, 50%
HSV	178°, 41%, 63%
XYZ	23.3585, 29.9899, 36.9053
YIQ	140.0380, -38.6940, -14.6140

Conversions

Conversions Part 2

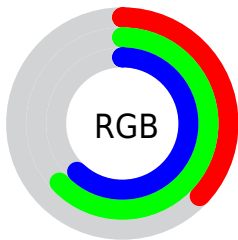
Format	Color
RYB	94, 128, 160
Decimal	6201502
CIELab	61.65, -21.49, -5.57
CIElCh	62, 22.202, 194.542
Yxy	29.9899, 0.2588, 0.3323
Android (android.graphics.Color)	4284391582 (0xFF5EA09E)
YUV	140.0380, 8.8553, -40.3753
Hunter-Lab	54.7630, -19.6983, -1.6219

Details

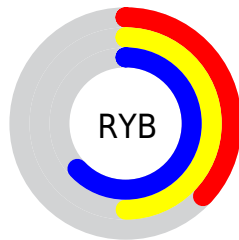
The XYZ color **23.3585, 29.9899, 36.9053** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6123, 16.3245, 13.1321**, and the grayscale version is **24.9202, 26.2180, 28.5514**.

A 20% lighter version of the original color is **48.5234, 59.7009, 71.9168**, and **8.8915, 12.2378, 15.8034** is the 20% darker color. If you saturate the color by 10%, you get **21.8434, 29.2144, 36.6174**, and if you desaturate by 10%, it is **25.2157, 30.9432, 37.2113**.

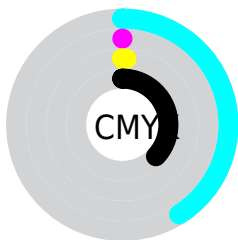
Distribution



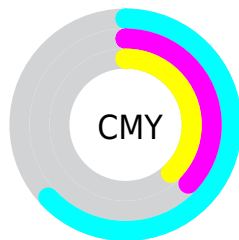
- Red (37%)
- Green (63%)
- Blue (62%)



- 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 23.3585, 29.9899, 36.9053 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 23.3585, 29.9899, 36.9053 by changing the saturation by 10% instead.

■ 23.3585, 29.9899,
36.9053

■ 23.3585, 29.9899,
36.9053

262.0621,
301.8574, 348.0567

■ 14.9806, 19.8309,
24.8390

■ 48.4437, 59.6462,
71.6118

■ 8.8920, 12.2722,
15.7392

■ 65.8816, 79.9123,
95.0891

■ 4.7273, 6.9293,
9.1874

■ 87.0703, 104.3163,
123.2070

■ 2.1213, 3.4179,
4.7652

■ 112.3751,
133.2425, 156.3843

■ 0.7008, 1.3536,
2.0538

142.1613,
167.0753, 195.0393

■ 0.0000, 0.1822,
0.5881

176.7943,

■ 0.0000, 0.0000,

206.1991, 239.5907

0.0000

216.6394,
250.9983, 290.4570

■ 23.3585, 29.9899,
36.9053

■ 23.3585, 29.9899,
36.9053

■ 21.8434, 29.2144,
36.6174

■ 25.2157, 30.9432,
37.2113

■ 20.6465, 28.6022,
36.3447

■ 27.4316, 32.0807,
37.5344

■ 19.7452, 28.1423,
36.0866

■ 30.0251, 33.4128,
37.8760

■ 19.1126, 27.8210,
35.8419

■ 33.0128, 34.9482,
38.2369

■ 18.7172, 27.6219,
35.6092

■ 36.4105, 36.6948,
38.6178

■ 18.5003, 27.5142,
35.4124

■ 40.2331, 38.6605,
39.0195

■ 44.4945, 40.8524,
39.4426

■ 49.2084, 43.2775,
39.8877

■ 54.3875, 45.9425,
40.3555

Harmonies

Analogous

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



23.3791, 29.9899, 28.5122



23.3585, 29.9899, 36.9053



24.6494, 29.9899, 45.4266

Triad

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



23.3585, 29.9899, 36.9053



32.6716, 29.9899, 45.6561



30.0434, 29.9899, 19.3648

Complementary

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



23.3585, 29.9899, 36.9053



20.6123, 16.3245, 13.1321

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.



32.7419, 29.9899, 22.5325



23.3585, 29.9899, 36.9053



34.3291, 29.9899, 37.1784

Square

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



23.3585, 29.9899, 36.9053



29.9527, 29.9899, 51.0395



34.3557, 29.9899, 28.7422



27.1038, 29.9899, 19.3174

Rectangle

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



23.3585, 29.9899, 36.9053



26.1349, 29.9899, 49.6289



34.3557, 29.9899, 28.7422



31.0132, 29.9899, 20.0720

Sweetspot

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



23.3594, 29.9911, 36.9060



54.0210, 60.4121, 68.7070



19.4371, 28.4486, 15.0572



11.7179, 13.1827, 15.0519



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.



23.3594, 29.9911, 36.9060



39.9850, 53.2095, 66.5510



18.8389, 20.6721, 36.2561



6.8132, 7.5060, 8.4507



14.4140, 21.4335, 27.6007



0.2602, 0.3842, 0.5063

Inverse Universe

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



20.6123, 16.3245, 13.1321



34.3439, 25.1309, 17.7207



23.8270, 22.8995, 13.7547



6.6408, 6.6492, 6.9596



11.3168, 5.8313, 0.6534



0.2045, 0.1051, 0.0228

Previews

White Background



This preview shows how the XYZ color 23.3585, 29.9899, 36.9053 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 23.3585, 29.9899, 36.9053 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

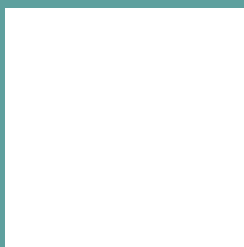
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3585, 29.9899, 36.9053

Background



This preview shows how black text looks on a background with the XYZ color 23.3585, 29.9899, 36.9053.

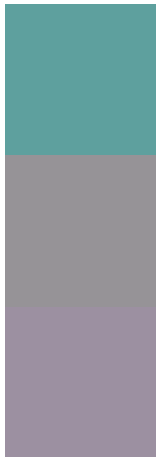


This preview shows how white text looks on a background with the XYZ color 23.3585, 29.9899,

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

23.3585, 29.9899, 36.9053

Protanopia

28.5973, 29.5858, 33.4816

Deuteranopia

30.1166, 29.5876, 37.8419



Tritanopia

24.6145, 29.9907, 43.0195

Trichromacy



Original Color

23.3585, 29.9899, 36.9053

Protanomaly

26.2669, 29.5354, 34.8883

Deuteranomaly

26.9244, 29.3373, 37.5013

Tritanomaly

24.2108, 30.0908, 40.6085

Monochromacy



Original Color

23.3585, 29.9899, 36.9053

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 23.3585, 29.9899, 36.9053 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(94, 160, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 160, 158) }
```

Border

The CSS property to change the border of an element to XYZ 23.3585, 29.9899, 36.9053 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, 158) }
```


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

```
.border{ border-color:rgb(94, 160, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 160, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 160, 158);  
box-shadow:4px 4px 4px 4px rgb(94, 160,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3585, 29.9899, 36.9053 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, 158) }
```

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

```
.background{ background-color: rgb(94, 160,  
158) }
```

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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