

Converting Colors

XYZ(23.2559, 27.9605, 36.0543)

Have a look what the booklet for
XYZ(23.2559, 27.9605, 36.0543)
contains.

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Color

**XYZ(23.2579, 27.9550,
36.0683)**

Conversions

Conversions Part 1

Format	Color
Hex	6A989D
RGB	106, 152, 157
RGB Percent	42%, 60%, 62%
CMY	0.5843, 0.4039, 0.3843
CMYK	0.32, 0.03, 0.00, 0.38
HSL	186°, 21%, 52%
HSV	186°, 32%, 62%
XYZ	23.2579, 27.9550, 36.0683
YIQ	138.8160, -29.0210, -8.1970

Conversions

Conversions Part 2

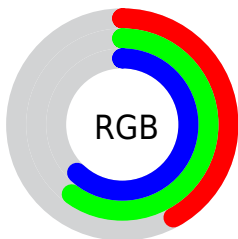
Format	Color
R_{YB}	106, 130, 157
Decimal	6985885
CIE _{Lab}	59.85, -14.19, -7.61
CIE _{LCh}	60, 16.105, 208.203
Yxy	27.9550, 0.2665, 0.3203
Android (android.graphics.Color)	4285175965 (0xFF6A989D)
YUV	138.8160, 8.9647, -28.7796
Hunter-Lab	52.8725, -14.0071, -3.4354

Details

The XYZ color **23.2579, 27.9550, 36.0683** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1909, 19.5778, 16.2456**, and the grayscale version is **24.4451, 25.7182, 28.0071**.

A 20% lighter version of the original color is **48.2530, 56.2670, 70.6048**, and **8.8307, 11.1602, 15.3244** is the 20% darker color. If you saturate the color by 10%, you get **21.3124, 26.5844, 35.9068**, and if you desaturate by 10%, it is **25.5499, 29.5104, 36.2482**.

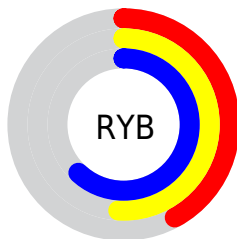
Distribution



Red (42%)

Green (60%)

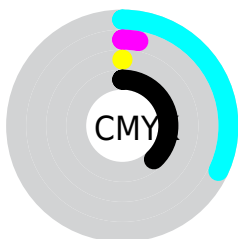
Blue (62%)



Red (42%)

Yellow (51%)

Blue (62%)

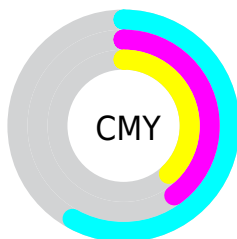


Cyan (32%)

Magenta (3%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2579, 27.9550, 36.0683 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 23.2579, 27.9550, 36.0683 by changing the saturation by 10% instead.

■ 23.2579, 27.9550,
36.0683

■ 23.2579, 27.9550,
36.0683

261.5575,
292.2518, 344.3054

■ 14.9058, 18.2917,
24.1968

■ 48.2800, 56.4126,
70.3077

■ 8.8392, 11.1596,
15.2662

■ 65.6807, 75.9757,
93.5127

■ 4.6927, 6.1743,
8.8577

■ 86.8283, 99.6076,
121.3327

■ 2.1010, 2.9514,
4.5529

■ 112.0882,
127.6926, 154.1861

■ 0.6898, 1.1064,
1.9333

141.8257,
160.6151, 192.4916

■ 0.0000, 0.0000,
0.5138

176.4062,

■ 0.0000, 0.0000,

198.7596, 236.6676

0.0000

216.1950,
242.5103, 287.1327

■ 23.2579, 27.9550,
36.0683

■ 23.2579, 27.9550,
36.0683

■ 21.3124, 26.5844,
35.9068

■ 25.5499, 29.5104,
36.2482

■ 19.6922, 25.3856,
35.7608

■ 28.2032, 31.2562,
36.4453

■ 18.3777, 24.3492,
35.6300

■ 31.2347, 33.2018,
36.6611

■ 17.3462, 23.4634,
35.5134

■ 34.6595, 35.3551,
36.8962

■ 16.5715, 22.7148,
35.4097

■ 38.4919, 37.7233,
37.1513

■ 16.0229, 22.0874,
35.3175

■ 42.7455, 40.3136,
37.4271

■ 15.7016, 21.6659,
35.2531

■ 47.4331, 43.1325,
37.7242

■ 52.5672, 46.1866,
38.0430

■ 58.1597, 49.4819,
38.3843

Harmonies

Analogous

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



22.8357, 27.9550, 30.0869



23.2579, 27.9550, 36.0683



24.5546, 27.9550, 41.0317

Triad

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



23.2579, 27.9550, 36.0683



30.0495, 27.9550, 36.7567



26.6937, 27.9550, 20.5248

Complementary

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



23.2579, 27.9550, 36.0683



22.1909, 19.5778, 16.2456

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.



28.6936, 27.9550, 21.8457



23.2579, 27.9550, 36.0683



30.6916, 27.9550, 30.7923

Square

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



23.2579, 27.9550, 36.0683



28.4697, 27.9550, 41.4636



30.1833, 27.9550, 25.4268



24.7575, 27.9550, 21.5642

Rectangle

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



23.2579, 27.9550, 36.0683



25.7756, 27.9550, 42.8270



30.1833, 27.9550, 25.4268



27.3813, 27.9550, 20.7037

Sweetspot

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



23.2587, 27.9561, 36.0689



51.6913, 56.7421, 65.3546



20.8295, 28.3099, 19.1904



11.2257, 12.3896, 14.3701



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.



23.2587, 27.9561, 36.0689



39.0607, 48.2491, 64.3810



19.6519, 20.7425, 34.8667



6.7663, 7.3983, 8.4781



12.7674, 17.6264, 28.6366



0.2427, 0.3441, 0.5169

Inverse Universe

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



24.7268, 19.7438, 32.2148



42.1517, 31.3580, 56.1768



25.2757, 25.7473, 17.2738



6.8761, 6.7434, 8.1988



15.2426, 7.4016, 21.3264



0.2798, 0.1353, 0.4198

Previews

White Background



This preview shows how the XYZ color 23.2579, 27.9550, 36.0683 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 23.2579, 27.9550, 36.0683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

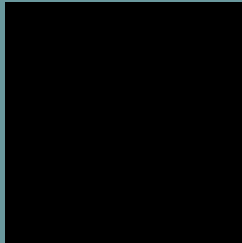
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2579, 27.9550, 36.0683

Background



This preview shows how black text looks on a background with the XYZ color 23.2579, 27.9550, 36.0683.

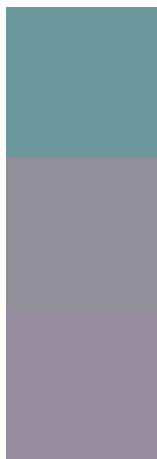


This preview shows how white text looks on a background with the XYZ color 23.2579, 27.9550,

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

23.2579, 27.9550, 36.0683

Protanopia

26.9100, 27.8086, 33.2274

Deuteranopia

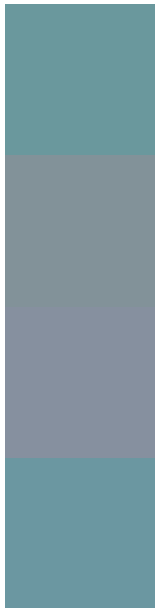
28.3009, 27.7783, 37.1278



Tritanopia

23.7409, 27.9034, 38.7849

Trichromacy



Original Color

23.2579, 27.9550, 36.0683

Protanomaly

25.2346, 27.6035, 34.1350

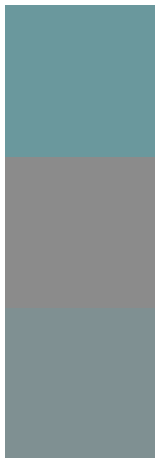
Deuteranomaly

26.0628, 27.5181, 36.7387

Tritanomaly

23.5630, 27.8322, 37.8485

Monochromacy



Original Color

23.2579, 27.9550, 36.0683

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9140, 26.5339, 31.0553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2579, 27.9550, 36.0683 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(106, 152, 157)` looks like.

```
.text, #text, p{  
    color:rgb(106, 152, 157)  
}
```

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(106, 152, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 152, 157) }
```

Border

The CSS property to change the border of an element to XYZ 23.2579, 27.9550, 36.0683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

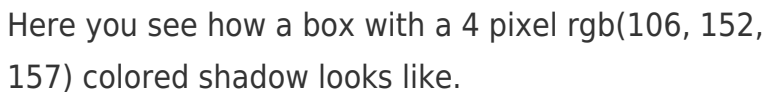
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 152, 157) }
```


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

```
.border{ border-color:rgb(106, 152, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 152, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 152, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 152, 157);  
box-shadow:4px 4px 4px 4px rgb(106, 152,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2579, 27.9550, 36.0683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 152, 157) }
```

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

```
.background{ background-color: rgb(106,  
152, 157) }
```

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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