

Converting Colors

XYZ(23.7613, 27.6551, 39.6829)

Have a look what the booklet for
XYZ(23.7613, 27.6551, 39.6829)
contains.

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Color

**XYZ(23.7613, 27.6551,
39.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	6B96A5
RGB	107, 150, 165
RGB Percent	42%, 59%, 65%
CMY	0.5804, 0.4118, 0.3529
CMYK	0.35, 0.09, 0.00, 0.35
HSL	196°, 24%, 53%
HSV	196°, 35%, 65%
XYZ	23.7613, 27.6551, 39.6829
YIQ	138.8530, -30.4430, -4.4510

Conversions

Conversions Part 2

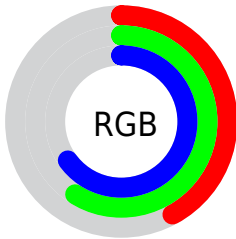
Format	Color
R_{YB}	107, 132, 165
Decimal	7050917
CIE _{Lab}	59.58, -10.78, -12.56
CIE _{LCh}	60, 16.549, 229.355
Yxy	27.6551, 0.2608, 0.3036
Android (android.graphics.Color)	4285240997 (0xFF6B96A5)
YUV	138.8530, 12.8905, -27.9351
Hunter-Lab	52.5881, -11.3762, -7.9284

Details

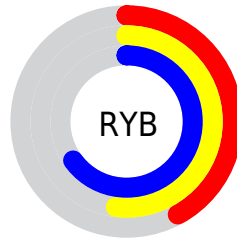
The XYZ color **23.7613, 27.6551, 39.6829** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1309, 22.9804, 17.0218**, and the grayscale version is **24.4452, 25.7182, 28.0071**.

A 20% lighter version of the original color is **49.0083, 55.8266, 75.9027**, and **9.0734, 10.9567, 17.2594** is the 20% darker color. If you saturate the color by 10%, you get **21.2953, 25.3920, 39.3765**, and if you desaturate by 10%, it is **26.6323, 30.1651, 40.0165**.

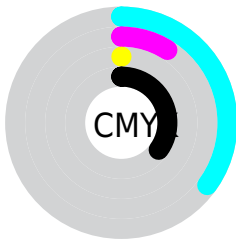
Distribution



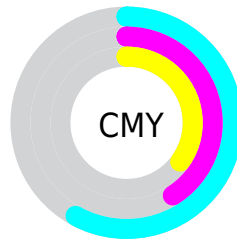
- Red (42%)
- Green (59%)
- Blue (65%)



- Red (42%)
- Yellow (52%)
- Blue (65%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7613, 27.6551, 39.6829 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 23.7613, 27.6551, 39.6829 by changing the saturation by 10% instead.

■ 23.7613, 27.6551,
39.6829

■ 23.7613, 27.6551,
39.6829

264.0744,
290.8152, 360.2975

■ 15.2804, 18.0658,
26.9795

■ 49.0979, 55.9333,
75.9122

■ 9.1040, 10.9973,
17.3255

■ 66.6844, 75.3911,
100.2752

■ 4.8668, 6.0650,
10.3024

■ 88.0367, 98.9071,
129.3617

■ 2.2032, 2.8846,
5.4917

■ 113.5203,
126.8658, 163.5904

■ 0.7444, 1.0718,
2.4748

143.5005,
159.6515, 203.3798

■ 0.0000, 0.0000,
0.8268

178.3427,

■ 0.0000, 0.0000,

197.6488, 249.1485

0.0000

218.4122,
241.2418, 301.3148

■ 23.7613, 27.6551,
39.6829

■ 23.7613, 27.6551,
39.6829

■ 21.2953, 25.3920,
39.3765

■ 26.6323, 30.1651,
40.0165

■ 19.2100, 23.3609,
39.0944

■ 29.9259, 32.9295,
40.3765

■ 17.4822, 21.5502,
38.8360

■ 33.6618, 35.9595,
40.7645

■ 16.0848, 19.9454,
38.5999

■ 37.8575, 39.2645,
41.1813

■ 14.9870, 18.5303,
38.3846

■ 42.5297, 42.8533,
41.6277

■ 14.1498, 17.2844,
38.1882

■ 47.6940, 46.7346,
42.1047

■ 13.7920, 16.7174,
38.0976

■ 53.3655, 50.9163,
42.6129

■ 59.5586, 55.4063,
43.1532

■ 66.1014, 60.1163,
43.7174

Harmonies

Analogous

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



22.6839, 27.6551, 34.0764



23.7613, 27.6551, 39.6829



25.5523, 27.6551, 42.8534

Triad

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



23.7613, 27.6551, 39.6829



30.4223, 27.6551, 32.2812



24.9799, 27.6551, 20.5323

Complementary

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



23.7613, 27.6551, 39.6829



25.1309, 22.9804, 17.0218

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.



27.0323, 27.6551, 20.1849



23.7613, 27.6551, 39.6829



30.2491, 27.6551, 26.4671

Square

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



23.7613, 27.6551, 39.6829



29.4437, 27.6551, 38.2202



28.9821, 27.6551, 22.2183



23.3614, 27.6551, 23.2397

Rectangle

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



23.7613, 27.6551, 39.6829



26.9419, 27.6551, 42.9101



28.9821, 27.6551, 22.2183



25.6395, 27.6551, 20.1506

Sweetspot

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



23.7621, 27.6562, 39.6835



56.1400, 61.0587, 72.5789



23.0011, 31.4294, 23.1053



12.0913, 13.2002, 15.8481



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.7621, 27.6562, 39.6835



39.1262, 46.4014, 70.6465



19.7539, 19.6398, 38.3475



7.1204, 7.6997, 9.0140



10.4754, 12.7303, 28.8349



0.2549, 0.3370, 0.6175

Inverse Universe

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



26.2805, 20.7175, 31.4691



44.4241, 32.5595, 53.1962



29.1578, 31.0341, 18.3641



7.2857, 7.1707, 8.4911



14.4330, 7.1293, 14.7366



0.3208, 0.1568, 0.4021

Previews

White Background



This preview shows how the XYZ color 23.7613, 27.6551, 39.6829 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 23.7613, 27.6551, 39.6829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

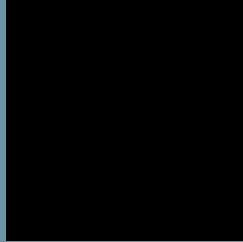
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7613, 27.6551, 39.6829

Background



This preview shows how black text looks on a background with the XYZ color 23.7613, 27.6551, 39.6829.



This preview shows how white text looks on a background with the XYZ color 23.7613, 27.6551,

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

23.7613, 27.6551, 39.6829

Protanopia

27.0027, 27.5468, 37.1516

Deuteranopia

28.0302, 27.5659, 40.4026



Tritanopia

23.3718, 27.4855, 38.2558

Trichromacy



Original Color

23.7613, 27.6551, 39.6829

Protanomaly

25.7002, 27.5266, 38.1410

Deuteranomaly

26.2163, 27.5250, 40.0075

Tritanomaly

23.4611, 27.5212, 38.7259

Monochromacy



Original Color

23.7613, 27.6551, 39.6829

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9202, 26.2951, 31.8317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7613, 27.6551, 39.6829 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(107, 150, 165)` looks like.

```
.text, #text, p{  
    color:rgb(107, 150, 165)  
}
```

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(107, 150, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 150, 165) }
```

Border

The CSS property to change the border of an element to XYZ 23.7613, 27.6551, 39.6829 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(107, 150, 165) }
```


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

```
.border{ border-color:rgb(107, 150, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 150, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 150, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 150, 165);  
box-shadow:4px 4px 4px 4px rgb(107, 150,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7613, 27.6551, 39.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 150, 165) }
```

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

```
.background{ background-color: rgb(107,  
150, 165) }
```

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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